Renhotec.com

Product Catalogue

Official Accounts

RENHOTEC GROUP LIMITED

: 86-027-81296316

: www.renhotec.com : info@renhotec.com

Headquarters(Wuhan): No.555 Wenhua Avenue, Hongshan District, Wuhan 430074, China

Factory(Dongguan): 13-1 Wenming Rd, Dongguan City, Guangdong Province China, 523900

Factory(jiangmen): Building 5, Wanyang Zhongchuang City, Daze Industrial Park, Jiangmen City, Guangdong Province, China

RENHOTEC

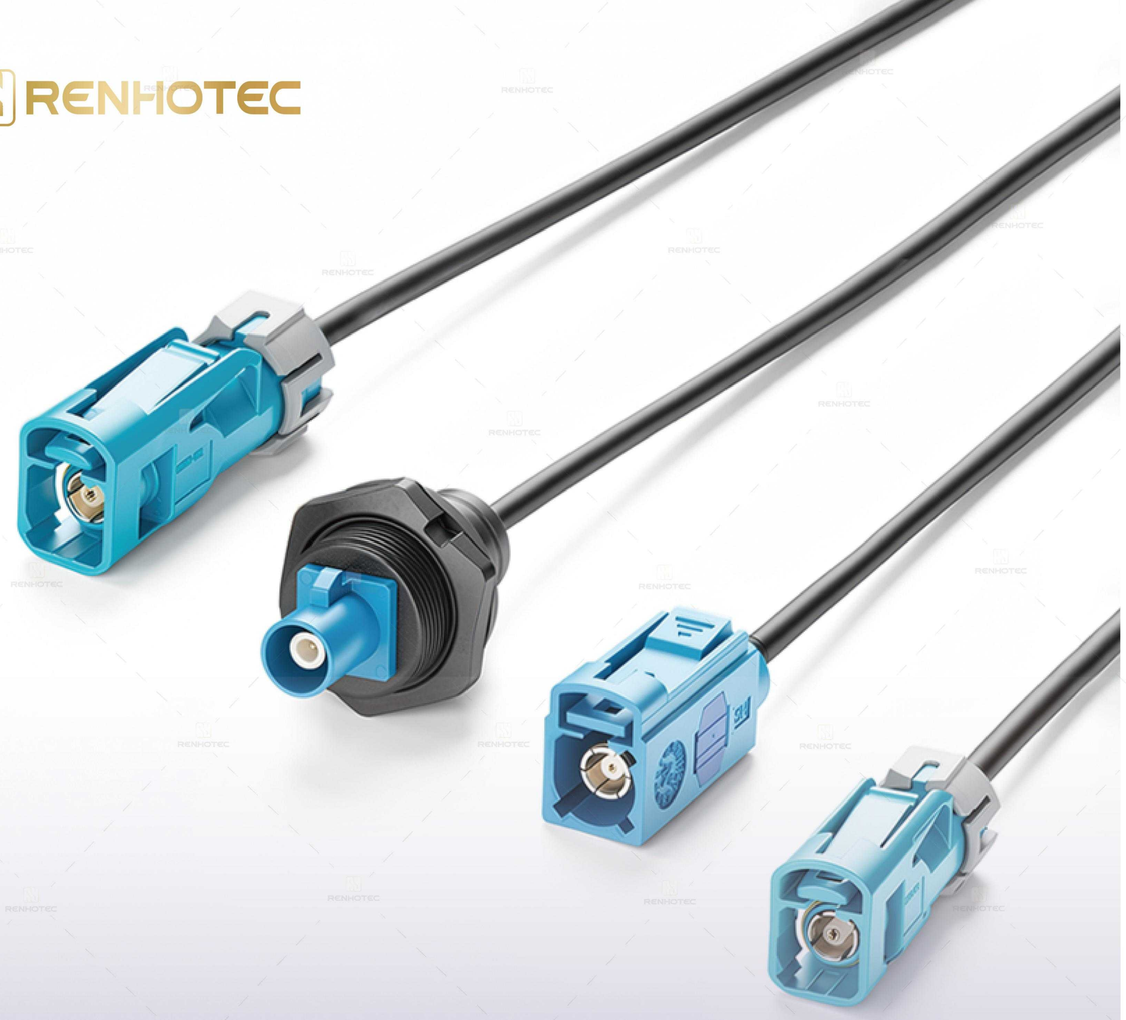
AUTOMOTIVE CONNECTORS

2026

AUTOMOTIVE CONNECTOR

RENHOTEC CONNECT · POWERING INDUSTRIES

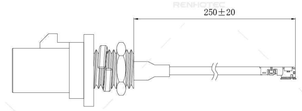
RENHOTEC | RENHOTEC GROUP LIMITED



FAKRA Connector and Cable Assembly

- **High-Frequency Transmission:**
  Supports DC to 6 GHz for reliable RF signal transmission.
- **Standards Compliance:**
  Meets ISO 20860-1/2, SAE/USCAR-2, and USCAR-17 standards.
- **Durable Design:**
  Robust housing withstands harsh automotive environments.
- **Mismating Prevention:**
  Provides 13 coding options plus one neutral variant.
- **Custom Cable Assemblies:**
  Cable length and configuration can be customized.
- **Wide Temperature Range:**
  Operates reliably from −40°C to +105°C.

PCB Mount FAKRA to IPEX4 Coaxial Cable



Part Number	RHT-605-20909
Connector A	FAKRA Z Male
Connector B	IPEX4 Male
Cable Type	RF1.13
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 3 GHz
Temperature Range	-40°C to +105°C

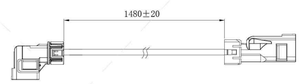
GMSL2 FAKRA Extension Cable for Cameras

Part Number	RHT-605-20858
Connector A	59Z114-000-Z
Connector B	59Z113-000-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA RF Coaxial Cable Assembly

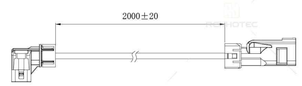
Part Number	RHT-605-20860
Connector A	59Z113-000-Z
Connector B	59Z113-000-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Waterproof FAKRA F/F Extension Cable



Part Number	RHT-605-20796
Connector A	59Z163-003-Z
Connector B	59K24K-102A4-Z
Cable Type	LEONI DACAR 462
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

90° Left Angle Waterproof Fakra RF Cable

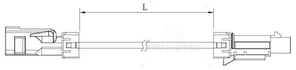


Part Number	RHT-605-20935
Connector A	59Z163-003-Z
Connector B	59K2LK-102A4-Z
Cable Type	LEONI DACAR 462
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Waterproof FAKRA Cable Assembly

Part Number	RHT-605-20797
Connector A	59Z163-003-Z
Connector B	59Z163-003-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

IP67 Waterproof FAKRA M/F Extension Cable



Part Number	RHT-605-20837
Connector A	59Z176-C01-Z
Connector B	59Z163-003-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

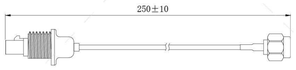
Waterproof FAKRA to SMB Extension Cable

Part Number	RHT-605-20795
Connector A	59Z163-003-Z
Connector B	SMB Female
Cable Type	LEONI DACAR 462
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 3 GHz
Temperature Range	-40°C to +105°C

FAKRA PCB Mount Extension Cable

Part Number	RHT-605-20861
Connector A	FAKRA Z Male
Connector B	FAKRA Z Female
Cable Type	RG174
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 3 GHz
Temperature Range	-40°C to +105°C

PCB Mount FAKRA to SMA Coaxial Cable



Part Number	RHT-605-20806
Connector A	FAKRA Z Male
Connector B	SMA Male
Cable Type	RG174
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 3 GHz
Temperature Range	-40°C to +105°C

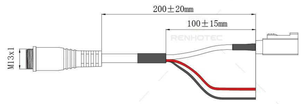
FAKRA Male to SMA Bulkhead Cable

Part Number	RHT-605-20911
Connector A	FAKRA Z Male
Connector B	SMA Female
Cable Type	RG174
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 3 GHz
Temperature Range	-40°C to +105°C

FAKRA Female to SMA Bulkhead Cable

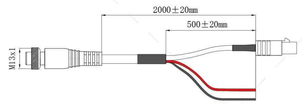
Part Number	RHT-605-20912
Connector A	FAKRA Z Female
Connector B	SMA Female
Cable Type	RG174
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 3 GHz
Temperature Range	-40°C to +105°C

FAKRA Female to GX12 Extension Calbe



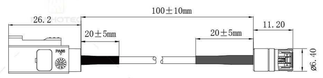
Part Number	RHT-605-20192
Connector A	FAKRA Z Female
Connector B	GX12 4P Male
Cable Type	RG178+2C*AWG22 Shielded PVC Black OD5.0
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA Male to GX12 Extension Calbe



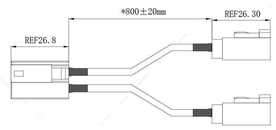
Part Number	RHT-605-20062
Connector A	FAKRA Z Male
Connector B	GX12 4P Male
Cable Type	LEONI DACAR 462
Length	RG178+2C*AWG22 Shielded PVC Black OD5.0
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA to SMB with RG174 Cable



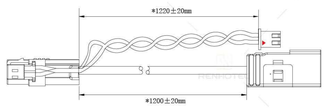
Part Number	101-11-10003
Connector A	FAKRA K Female
Connector B	SMB Male
Cable Type	RG174
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Fakra to Dual Fakra with RG174 Cable



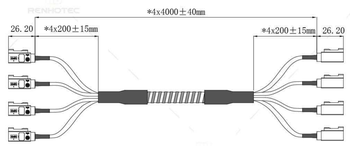
Part Number	RHT-605-9257
Connector A	2* FAKRA Z Female
Connector B	Dual FAKRA Z Female
Cable Type	RG174
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA + JST to FAKRA +2P Extension Cable



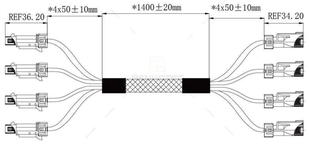
Part Number	RHT-605-21017
Connector A	FAKRA Z + JST 2P
Connector B	Fakra+2P Z
Cable Type	RG174+AWG24*2C（Red+Black）
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA Female to Female Extension Cable



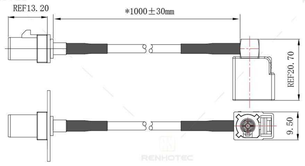
Part Number	RHT-605-21018
Connector A	Fakra B + C + D + K Female
Connector B	Fakra B + C + D + E Female
Cable Type	RG174LL
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Waterproof FAKRA Extension Cable



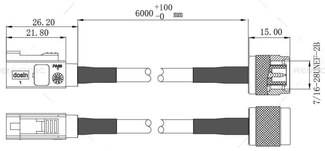
Part Number	RHT-605-21019
Connector A	Fakra B + C + D + E Male
Connector B	Fakra B + C + D + E Female
Cable Type	1.5DS-QEHB
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA Male to R/A FAKRA Female Cable



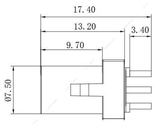
Part Number	RHT-605-9821
Connector A	FAKRA Z Male
Connector B	FAKRA Z Female
Cable Type	RG174
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA C Code Female to TNC Male Cable



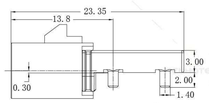
Part Number	RHT-605-20286
Connector A	FAKRA C Female
Connector B	TNC Male
Cable Type	RG58
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA PCB Mount Connector, Through Hole



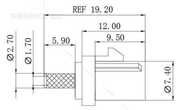
Part Number	DOSIN-877-0121-C
Connector Type	FAKRA C Male
Mounting Type	PCB Mount
Cable Type	/
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Dual FAKRA Plug R/A Waterblue Solder



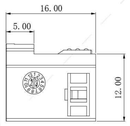
Part Number	RHT-698-0529-Z
Connector Type	Dual FAKRA Z Male
Mounting Type	PCB Mount
Cable Type	/
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA Plug Straight Black A Code Crimp



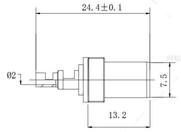
Part Number	RHT-698-0591-A
Connector Type	FAKRA A Male
Mounting Type	Cable Mount
Cable Type	RG316 RG174
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA Jack Straight Black A Code Crimp



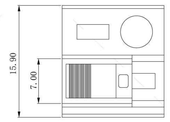
Part Number	DS1-0101F0003-A
Connector Type	FAKRA A Female
Mounting Type	Cable Mount
Cable Type	RG316 RG174
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA Jack Straight Blue C Code Crimp



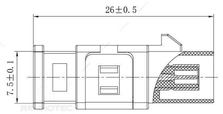
Part Number	DS1-0103M0009-A
Connector Type	FAKRA C Male
Mounting Type	Cable Mount
Cable Type	RG316 RG174
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA Jack R/A White B Code Crimp



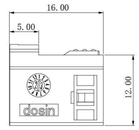
Part Number	DOSIN-877-2004-B
Connector Type	FAKRA B Female
Mounting Type	Cable Mount
Cable Type	RG316 RG174
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Dual FAKRA Plug Straight Z Code Crimp



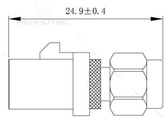
Part Number	RHT-698-0588-Z
Connector Type	Dual FAKRA Z Male
Mounting Type	Cable Mount
Cable Type	RG316 RG174
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA Plug Straight D Code Crimp



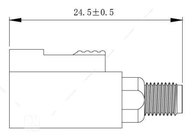
Part Number	DS1-0104F0003-A
Connector Type	FAKRA D Female
Mounting Type	Cable Mount
Cable Type	RG174
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA to SMA Male Adapter



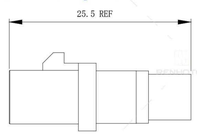
Part Number	RHT-639-7157
Connector Type	FAKRA Z Male
Mounting Type	SMA Male
Cable Type	/
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA to SMA Female Adapter



Part Number	RHT-639-7158
Connector Type	FAKRA Z Female
Mounting Type	SMA Female
Cable Type	/
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

FAKRA to SMB Female Adapter

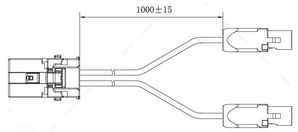


Part Number	RHT-639-7156
Connector Type	FAKRA Z Male
Mounting Type	SMB Female
Cable Type	/
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Mini FAKRA Connector and Cable Assembly

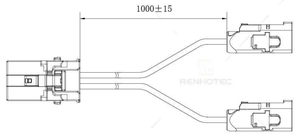
- **High-Frequency Transmission:**
  Supports DC to 9 GHz for reliable RF signal transmission.
- **Compact Design:**
  Up to 80% smaller than standard FAKRA connectors.
- **Standards Compliance:**
  Meets ISO 20860-1/2, SAE/USCAR-2, and USCAR-17 standards.
- **Flexible Configurations:**
  Available in single, dual, and quad connector options.
- **Mismating Prevention:**
  Provides 13 coding options plus one neutral variant.
- **Durable Performance:**
  Operates reliably from −40°C to +105°C in harsh environments.

2 in 1 MATE-AX to Dual FAKRA Cable



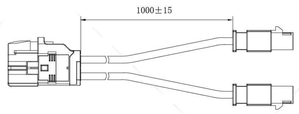
Part Number	RHT-605-20807
Connector A	TE 2-2306868-9
Connector B	2* TE 2-2326914-0
Cable Type	LEONI DACRA 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

2 in 1 MATE-AX to Dual FAKRA RF Cable



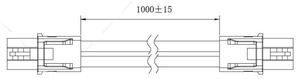
Part Number	RHT-605-20812
Connector A	TE 2-2306868-9
Connector B	2* TE 2-2326910-0
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

2 in 1 Mini FAKRA Female to Male Cable



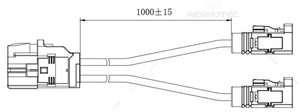
Part Number	RHT-605-20821
Connector A	AMK16C-1M4Z5-Z
Connector B	2* 59Z114-000-Z
Cable Type	LEONI DACRA 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

2 in 1 Mini FAKRA RF Coaxial Cable



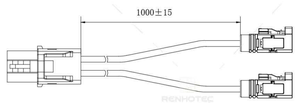
Part Number	RHT-605-20865
Connector A	AMK12B-1M4Z5-Z
Connector B	AMK12B-1M4Z5-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Double Mini FAKRA to Dual FAKRA Cable



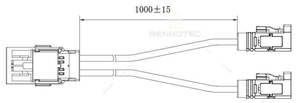
Part Number	RHT-605-20825
Connector A	AMK16C-1M4Z5-Z
Connector B	2*59Z113-000-Z
Cable Type	LEONI DACRA 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Mini FAKRA Dual to 2 x FAKRA RF Cable



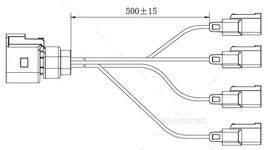
Part Number	RHT-605-20828
Connector A	AMK12B-1M4Z5-Z
Connector B	2* 59Z113-000-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Mini FAKRA Dual Cavity to 2 x FAKRA Cable



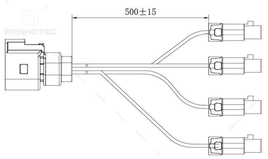
Part Number	RHT-605-20879
Connector A	AMS11B-1M4Z5-Z
Connector B	2* 59Z113-000-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

IP67 Waterproof MATE-AX to FAKRA Cable



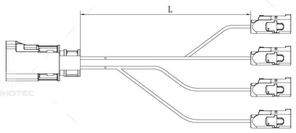
Part Number	RHT-605-20813
Connector A	TE 2354439-9
Connector B	4* TE 2-2380551-0
Cable Type	LEONI DACRA 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

IP67 Waterproof MATE-AX to FAKRA Cable



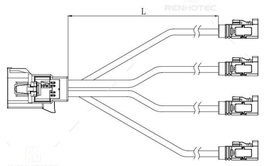
Part Number	RHT-605-20815
Connector A	TE 2354439-9
Connector B	4* TE 2-2307198-0
Cable Type	LEONI DACRA 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

4 in 1 MATE-AXZ Male to 4 x FAKRA Cable



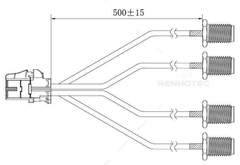
Part Number	RHT-605-20816
Connector A	TE 2-2298724-9
Connector B	4* TE 2-2326910-0
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

4 in 1 Mini FAKRA RF Coaxial Extension Cable



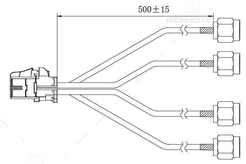
Part Number	RHT-605-20820
Connector A	AMS11D-1M4Z5-Z
Connector B	4* 59Z113-000-Z
Cable Type	LEONI DACRA 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Mini FAKRA Quad to 4 x SMA Cable



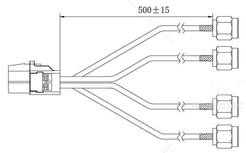
Part Number	RHT-605-20802
Connector A	TE 2298721-9
Connector B	4* SMA Female
Cable Type	LEONI DACAR 462
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

4 in 1 MATE-AX to 4 x SMA Plug Cable



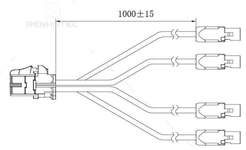
Part Number	RHT-605-20814
Connector A	TE 2298721-9
Connector B	4* SMA Male
Cable Type	LEONI DACAR 462
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Mini FAKRA Quad to 4 x SMA Plug Cable



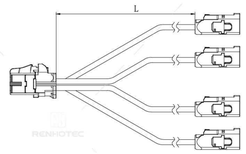
Part Number	RHT-605-20804
Connector A	AMK12D-102Z5-Z
Connector B	4* SMA Male
Cable Type	DACAR 462
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

4 in 1 MATE-AX to FAKRA Cable



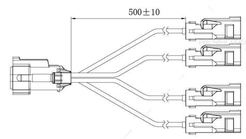
Part Number	RHT-605-20809
Connector A	TE 2298721-9
Connector B	4* 2-2326914-0
Cable Type	LEONI DACAR 302-4 RF
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

2298721-9 MATE-AX RF Cable



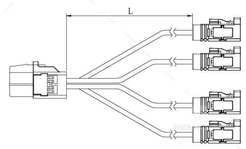
Part Number	RHT-605-20811
Connector A	TE 2298721-9
Connector B	4* TE 2-2326910-0
Cable Type	LEONI Dacar 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

4 in 1 Waterproof Quad Mini FAKRA Cable



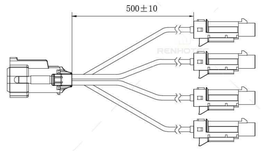
Part Number	RHT-605-20817
Connector A	AMK14K-1M4Z5-Z
Connector B	4* 59Z163-003-Z
Cable Type	LEONI DACRA 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

GMSL2 FAKRA Cable 4 in 1 for ZED X



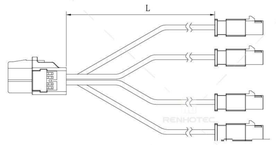
Part Number	RHT-605-20818
Connector A	AMK12D-1M4Z5-Z
Connector B	4* 59Z113-000-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

IP67 Waterproof Mini FAKRA 4-In-1 Cable



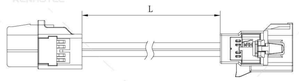
Part Number	RHT-605-20822
Connector A	AMK14K-1M4Z5-Z
Connector B	4* 59Z176-C01-Z
Cable Type	LEONI DACRA 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Quad Mini FAKRA to 4 x FAKRA Cable



Part Number	RHT-605-20829
Connector A	AMK12D-1M4Z5-Z
Connector B	4* 59Z114-000-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

4 in 1 Mini FAKRA Male to Female Cable

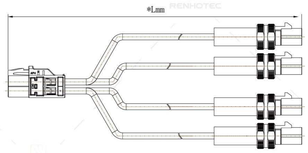


Part Number	RHT-605-20852
Connector A	AMS11D-1M4Z5-Z
Connector B	AMK12D-1M4Z5-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

4 in 1 Quad Mini FAKRA Cable

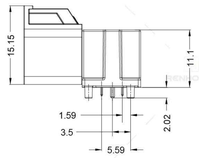
Part Number	RHT-605-20876
Connector A	AMK12D-1M4Z5-Z
Connector B	AMK12D-1M4Z5-Z
Cable Type	LEONI DACAR 302-4
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Mini FAKRA to Zinc Alloy FAKRA Cable



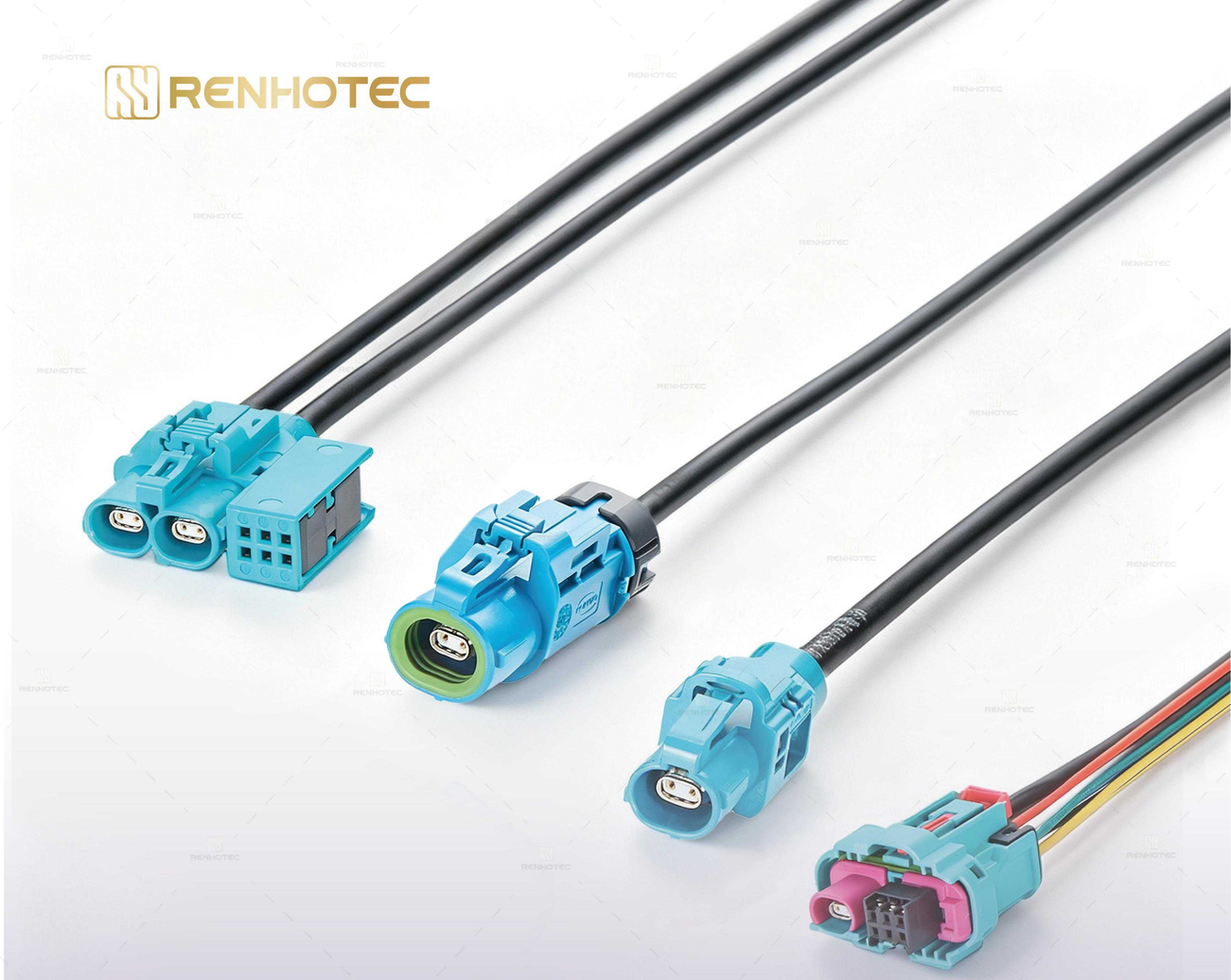
Part Number	RHT-605-20183
Connector A	Mini Fakra Z Male
Connector B	FAKRA Male
Cable Type	Dacar 302
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Mini FAKRA Plug R/A Z Code Solder



Part Number	RHT-698-0627-Z
Connector Type	Mini FAKRA 4P Z Male
Mounting Type	PCB Mount
Cable Type	/
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

RENHOTEC



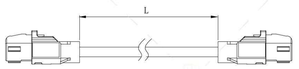
H-MTD Connector and Cable Assembly

- **High-Speed Transmission:**
  Supports multi-gigabit differential signals up to 56Gbps, for automotive Ethernet, GMSL3, FPD-Link IV and PCIe applications.
- **Standards Compliance:**
  Meets USCAR-2, USCAR-17, USCAR multi-Gigabit SerDes interface requirements.
- **Durable Robust Design:**
  Modular housing with 360° full shielding, qualified for harsh in-vehicle V1-class vibration environments.
- **Mismating Prevention:**
  Dedicated mechanical coding keys to avoid cross-mating of different functional ports.
- **Flexible Port Configuration:**
  Modular construction supports 1/2/4/6 differential ports, mixed with power contacts for combined power-signal routing.
- **Wide Temperature Range:**
  Operates reliably from -40°C to +125°C.

H-MTD Male to Female Extension Cable

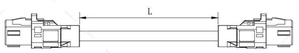
Part Number	RHT-605-20855
Connector A	E6S10A-1CAZ5-Z
Connector B	E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

H-MTD Automotive Ethernet Cable



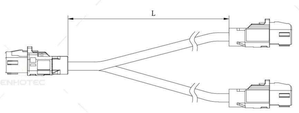
Part Number	RHT-605-20857
Connector A	E6K10A-1CAZ5-Z
Connector B	E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ω
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Dual H-MTD Automotive Ethernet Cable



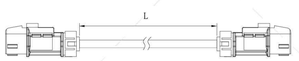
Part Number	RHT-605-20863
Connector A	E6K10B-1CAZ5-Z
Connector B	E6K10B-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

2 in 1 H-MTD Cable for Automotive Ethernet



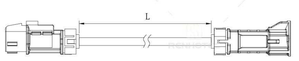
Part Number	RHT-605-20878
Connector A	E6K10B-1CAZ5-Z
Connector B	2* E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Waterproof H-MTD Automotive Ethernet Cable



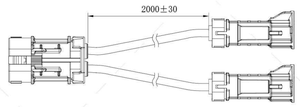
Part Number	RHT-605-20898
Connector A	E6K14A-1CAZ5-Z
Connector B	E6K14A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Waterproof H-MTD Extension Cable



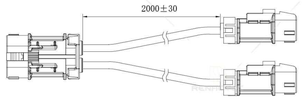
Part Number	RHT-605-20899
Connector A	E6K14A-1CAZ5-Z
Connector B	E6S14E-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

IP67 Waterproof 2 in 1 H-MTD Cable



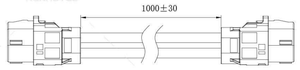
Part Number	RHT-605-20904
Connector A	E6K14B-1CAZ5-Z
Connector B	2* E6S14E-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Waterproof Dual H-MTD Splitter Cable



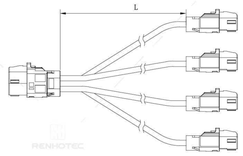
Part Number	RHT-605-20880
Connector A	E6K14B-1CAZ5-Z
Connector B	2* E6K14A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

H-MTD Quad Automotive Ethernet Cable



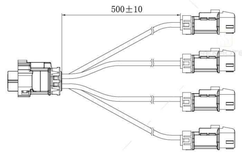
Part Number	RHT-605-20856
Connector A	E6K10D-1CAZ5-Z
Connector B	E6K10D-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

4 in 1 H-MTD Gigabit Car Ethernet Cable



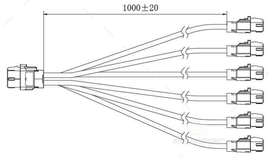
Part Number	RHT-605-20877
Connector A	E6K10D-1CAZ5-Z
Connector B	4*E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Waterproof 4 in 1 H-MTD Ethernet Cable



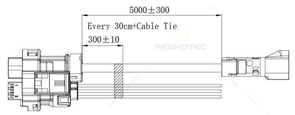
Part Number	RHT-605-20798
Connector A	E6K14D-1CAZ5-Z
Connector B	4* E6K14A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	10 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

6 in 1 H-MTD Automotive Ethernet Cable



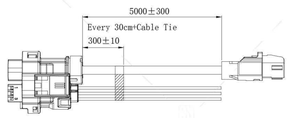
Part Number	RHT-605-20874
Connector A	E6K10F-1CAZ5-Z
Connector B	6* E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Waterproof H-MTD 10G Car Ethernet Cable



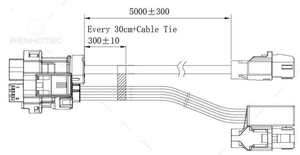
Part Number	RHT-605-20881
Connector A	E6K14M-1CAZ5-Z
Connector B	E6S10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Waterproof H-MTD+6 Cable



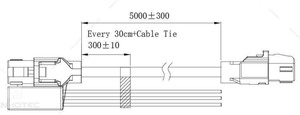
Part Number	RHT-605-20882
Connector A	E6K14M-1CAZ5-Z
Connector B	E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ω
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Waterproof H-MTD+6P Automotive Cable



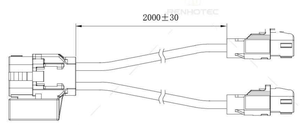
Part Number	RHT-605-20883
Connector A	E6K14M-1CAZ5-Z
Connector B	E6K10A-1CAZ5-Z+99K1HC-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

H-MTD+6 Automotive Ethernet Cable



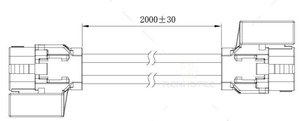
Part Number	RHT-605-20901
Connector A	99K1HG-1CAZ5-Z
Connector B	E6K10A-1CAZ5-Z
Cable Type	Cat6a SFTP Cable + GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Dual Port H-MTD Automotive Ethernet Cable



Part Number	RHT-605-20902
Connector A	99K1HG-1CAZ5-Z
Connector B	2*E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	10 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

H-MTD+6P 10G Automotive Ethernet Cable



Part Number	RHT-605-20903
Connector A	99K1HG-1CAZ5-Z
Connector B	99K1HG-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

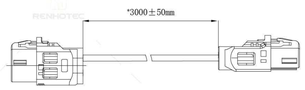
H-MTD Single Ended Automotive Cable

Part Number	104-12-10003-150
Connector A	E6K14A-1CAZ5-Z
Connector B	/
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

4 in 1 H-MTD Female to Male Cable

Part Number	104-12-10004-300
Connector A	E6K10D-1CAZ5-Z
Connector B	E6S10A-1CAZ5-A
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

4 in 1 H-MTD Female to Female Cable



Part Number	104-12-10005-300
Connector A	E6K10D-1CAZ5-Z
Connector B	E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

H-MTD Single Ended Automotive Cable

Part Number	104-12-10006-300
Connector A	E6S10A-1CAZ5-A
Connector B	/
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

H-MTD Single Ended Automotive Cable

Part Number	104-12-10008-250
Connector A	E6K10D-1CAZ5-Z
Connector B	/
Cable Type	GG 2Speed 251
Length	Customized
Impedance	10 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

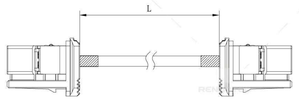
MATEnet Connector and Cable Assembly

- **High-Speed Transmission:**
  Supports 100Mbps / 1000BASE-T1 automotive Ethernet transmission based on NanoMQS contact system.
- **Mismating Prevention:**
  Multiple mechanical coding keys prevent wrong mating between different port assignments.
- **Standards Compliance:**
  Compliant with USCAR-2, USCAR-17, IEEE 802.3bp automotive Ethernet specifications.
- **Shielding Performance:**
  Supports both STP and UTP twisted-pair cables for flexible EMC configuration options.
- **Durable Robust Design:**
  Proven NanoMQS crimp contact system, qualified for V1-class automotive vibration and shock conditions.
- **Wide Temperature Range:**
  Operates reliably from -40°C to +125°C.

MATEnet Male to Female Extension Cable

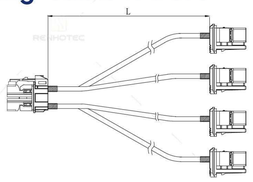
Part Number	RHT-605-20833
Connector A	TE 2302461-9
Connector B	TE 2302510-9
Cable Type	LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm Nominal
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

MATEnet Automotive Ethernet Cable Assembly



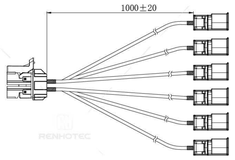
Part Number	RHT-605-20835
Connector A	TE 2302510-9
Connector B	TE 2302510-9
Cable Type	LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

MATEnet Connecting Cable 4 Port



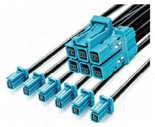
Part Number	RHT-605-20834
Connector A	TE 2394102-1
Connector B	4* TE 2302510-9
Cable Type	LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 1 GHz
Temperature Range	-40°C to +105°C

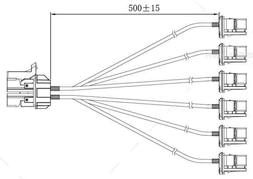
MATEnet Cable for NVIDIA DRIVE AGX Orin



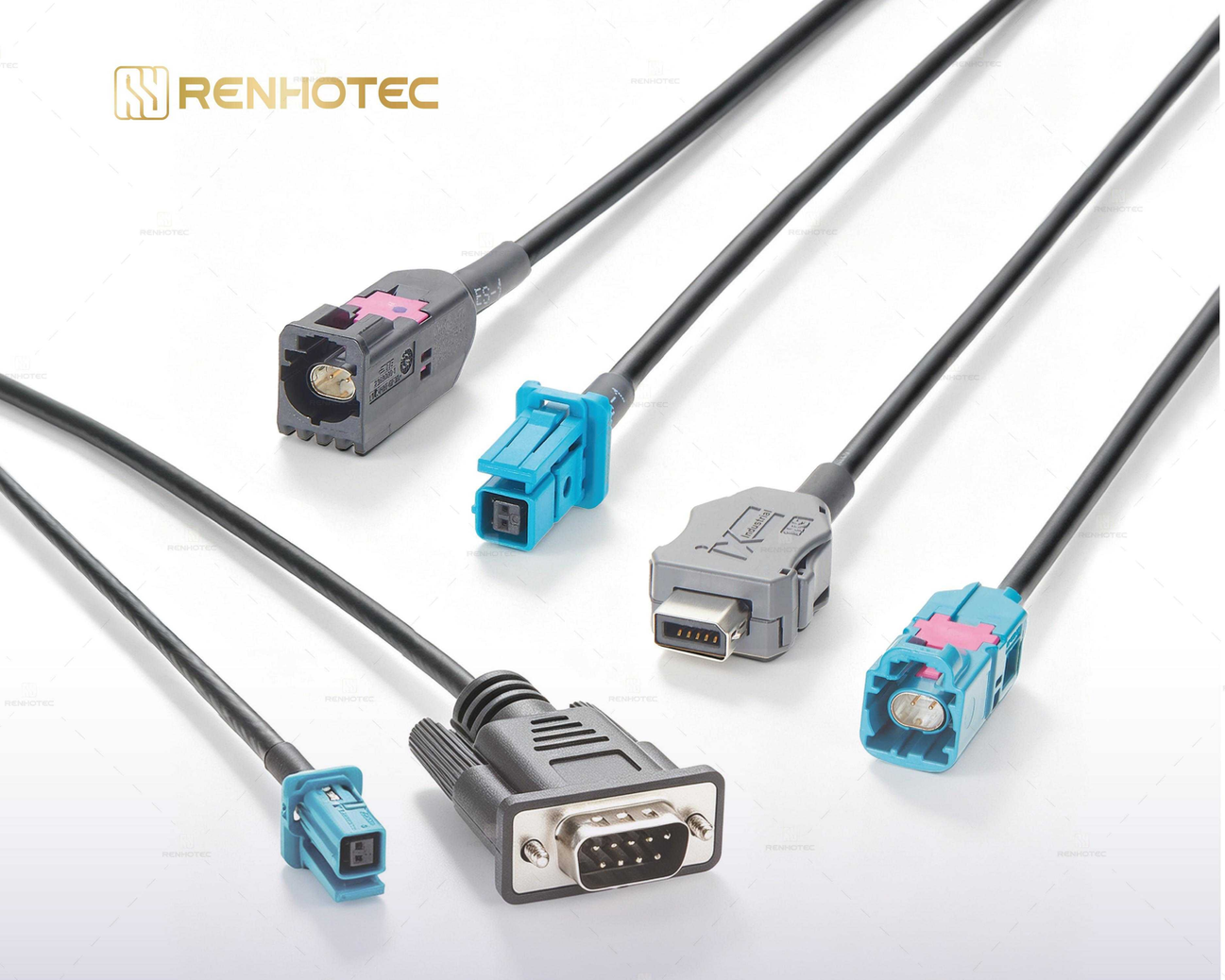
Part Number	RHT-605-20886
Connector A	TE 2333538-9
Connector B	6* TE 2302461-9
Cable Type	LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

NVIDIA DRIVE AGX Orin MATEnet Cable





Part Number	RHT-605-20887
Connector A	TE 2333538-9
Connector B	6* TE 2302510-9
Cable Type	LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C



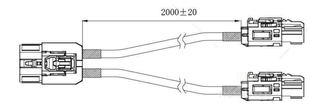
Other Series Connector and Cable Assembly

- **High-Speed Transmission:**
  Supports 100Mbps to 56Gbps for automotive Ethernet & high-speed protocols.
- **Foolproof Assembly**
  Mechanical & color coding prevents cross-mating during installation.
- **Rugged Reliability**
  360° shielding & CPA secondary lock withstand harsh vibrations & EMI.
- **Custom Assemblies:**
  Customizable cable types & lengths for flexible wiring layouts.

TE GEMnet 10 Gigabit F/F Automotive Cable

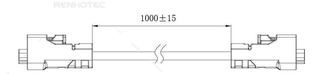
Part Number	RHT-605-20897
Connector A	TE 1-2368022-4
Connector B	TE 1-2368022-4
Cable Type	LEONI DACAR 686-3
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Dual Port GEMnet Automotive Ethernet Cable



Part Number	RHT-605-20891
Connector A	TE 1-2386612-4
Connector B	2* TE 1-2368022-4
Cable Type	LEONI DACAR 686-3
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Amphonel NETBridge F/F Automotive Cable

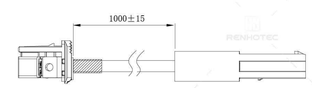


Part Number	RHT-605-20831
Connector A	NTHCF011A10S
Connector B	NTHCF011A10S
Cable Type	GG 2Speed 251
Length	Customized
Impedance	50 Ohm Nominal
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Amphonel NETBridge to H-MTD Cable

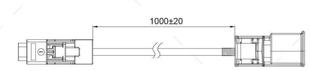
Part Number	RHT-605-20830
Connector A	NTHCF011A10S
Connector B	E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	50 Ohm Nominal
Frequency Range	DC to 3 GHz
Temperature Range	-40°C to +105°C

Amphonel NETBridge to TE MATEnet Cable



Part Number	RHT-605-20907
Connector A	NTHCM011A10S
Connector B	TE 2302510-9
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Amphonel NETBridge to TE MATEnet Cable

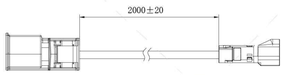


Part Number	RHT-605-20908
Connector A	NTHCF011A10S
Connector B	TE 2302461-9
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Rosenberger H-MTD to TE MATEnet Cable

Part Number	RHT-605-20854
Connector A	E6K10A-1BZZ5-Z
Connector B	TE 2302510-9
Cable Type	LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Rosenberger H-MTD to TE MATEnet Cable

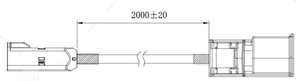


Part Number	RHT-605-20832
Connector A	E6S10A-1BZZ5-Z
Connector B	TE 2302461-9
Cable Type	LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

TE GEMnet to TE MATEnet Automotive Cable

Part Number	RHT-605-20894
Connector A	TE 2368003-1
Connector B	TE 2302510-9
Cable Type	LEONI DACAR 686-3
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

TE GEMnet to TE MATEnet Automotive Cable

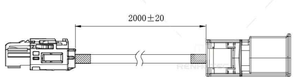


Part Number	RHT-605-20895
Connector A	TE 2368003-1
Connector B	TE 2302461-9
Cable Type	LEONI DACAR 686-3
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

TE GEMnet M/F Automotive Extension Cable

Part Number	RHT-605-20896
Connector A	TE 1-2368022-4
Connector B	TE 2368003-1
Cable Type	LEONI DACAR 686-3
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

TE GEMnet to MATEnet Automotive Cable



Part Number	RHT-605-20892
Connector A	TE 1-2368022-4
Connector B	TE 2302461-9
Cable Type	LEONI DACAR 686-3
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

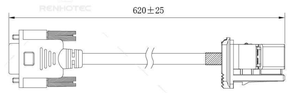
TE GEMnet to MATEnet Automotive Cable,F/F

Part Number	RHT-605-20893
Connector A	TE 1-2368022-4
Connector B	TE 2302510-9
Cable Type	LEONI DACAR 686-3
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

MATEnet to DB9 RS232 Automotive Cable

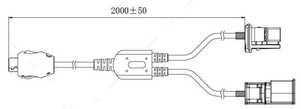
Part Number	RHT-605-20808
Connector A	TE 2302510-9
Connector B	DB9 Male
Cable Type	GG 2Speed 251
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

TE MATEnet Female to DB9 Female Cable



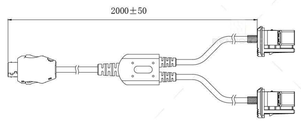
Part Number	RHT-605-20810
Connector A	TE 2302510-9
Connector B	DB9 Female
Cable Type	GG 2Speed 251
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

IX to Dual MATEnet Cable for Automotive



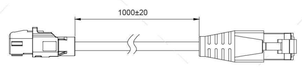
Part Number	RHT-605-20931
Connector A	IX40G-A-10S-CV (7.0)
Connector B	TE 2302461-9 + TE 2302510-9
Cable Type	Cat6a SFTP + LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

AEcable2Y Automotive Ethernet Cable



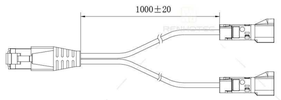
Part Number	RHT-605-20932
Connector A	IX40G-A-10S-CV (7.0)
Connector B	2* TE 2302510-9
Cable Type	Cat6a SFTP Cable + LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

H-MTD to RJ45 Automotive Ethernet Cable



Part Number	RHT-605-20853
Connector A	E6K10A-1BZZ5-Z
Connector B	RJ45 Male
Cable Type	Leoni Dacar 647-4 Ethernet Cable
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Dual H-MTD to RJ45 10G Automotive Cable

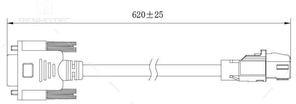


Part Number	RHT-605-20864
Connector A	2* E6S10A-1BZZ5-Z
Connector B	RJ45 Male
Cable Type	LEONI DACAR 647-4
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

H-MTD to DB9 RS232 Cable for Automotive

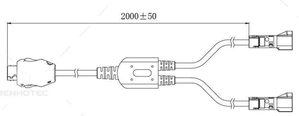
Part Number	RHT-605-20826
Connector A	E6K10A-1CAZ5-Z
Connector B	DB9 Male
Cable Type	/
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

H-MTD to DB9 Female Automotive Cable



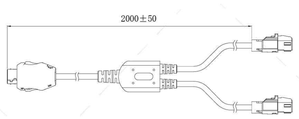
Part Number	RHT-605-20827
Connector A	E6K10A-1CAZ5-Z
Connector B	DB9 Female
Cable Type	/
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

AEcable 2Y H-MTD Automotive Cable



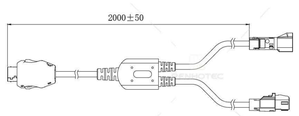
Part Number	RHT-605-20933
Connector A	IX40G-A-10S-CV (7.0)
Connector B	2* E6S10-1CAZ5-Z
Cable Type	Cat6a SFTP Cable + GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

IX to Dual H-MTD Automotive Ethernet Cable



Part Number	RHT-605-20934
Connector A	IX40G-A-10S-CV (7.0)
Connector B	2* E6K10-1CAZ5-Z
Cable Type	Cat6a SFTP Cable + GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Automotive Ethernet Cable IX to H-MTD

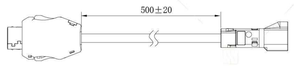


Part Number	RHT-605-20937
Connector A	IX40G-A-10S-CV (7.0)
Connector B	E6K10A-1CAZ5-Z+E6S10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

Automotive Ethernet Cable IX to H-MTD

Part Number	RHT-605-20938
Connector A	IX40G-A-10S-CV (7.0)
Connector B	E6K10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

IX to H-MTD Automotive Ethernet Cable



Part Number	RHT-605-20939
Connector A	IX40G-A-10S-CV (7.0)
Connector B	E6S10A-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

HSD Connector and Cable Assembly

- **High-speed Differential Transmission:**
  Optimized for automotive Ethernet (1000BASE-T1, 2.5G/5G/10GBASE-T1) and advanced in-vehicle networking.
- **EMI/RFI Protection:**
  Provides superior shielding performance for stable transmission in electrically noisy environments.
- **Standards Compliance:**
  Meets USCAR-2, USCAR-17, Open Alliance TC9, and IEEE 802.3ch standards to ensure compatibility and reliability.
- **Flexible Cable Support:**
  Compatible with both STP and UTP cables for high-speed differential signals.
- **Mismating Prevention:**
  Multiple mechanical coding options prevent connection errors and simplify identification.
- **Wide Operating Temperature:**
  Ensures reliable performance from −40 °C to +105 °C.

HSD Male to Female Extension Cable

Part Number	RHT-605-20848
Connector Type	D4S10A-1D5A5-Z
Mounting Type	D4K10A-1D5A5-Z
Cable Type	LEONI DACAR 535
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

Automotive HSD LVDS Cable Assembly

Part Number	RHT-605-20870
Connector Type	D4K10A-1D5A5-Z
Mounting Type	D4K10A-1D5A5-Z
Cable Type	LEONI DACAR 535
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

Waterproof HSD LVDS Wire Harness

Part Number	RHT-605-20792
Connector A	D4K14A-1D5A5-Z
Connector B	D4K14A-1D5A5-Z
Cable Type	LEONI DACAR 535
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

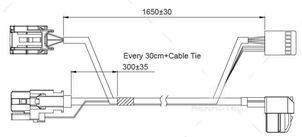
Waterproof HSD LVDS Extension Cable

Part Number	RHT-605-20793
Connector A	D4K14A-1D5A5-A
Connector B	D4S14A-1D5A5-A
Cable Type	LEONI DACAR 535
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

Right Angled Female HSD LVDS Cable

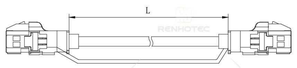
Part Number	RHT-605-20805
Connector A	3HSD-UORJ-C44W0
Connector B	D4K14A-1D5A5-Z
Cable Type	LEONI DACAR 535
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

VW Golf7 Touran L Tiguan L CarPlay Cable



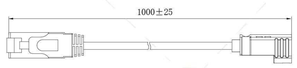
Part Number	RHT-605-20868
Connector A	1670988-1+HSDCG-104-E
Connector B	1564491-2+HSDCB-102-K
Cable Type	/
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

4+2P HSD LVDS Video Cable



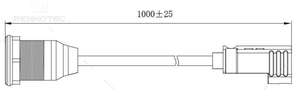
Part Number	RHT-605-20875
Connector A	HSD 4+2P Z Female
Connector B	HSD 4+2P Z Female
Cable Type	LEONI DACAR 535
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

HSD Z Male to RJ45 Male Extension Cable



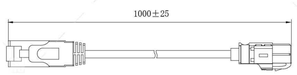
Part Number	RHT-605-20840
Connector A	HSD 4P Z Male
Connector B	RJ45 Male
Cable Type	26AWG*2P+AEB
Length	Customized
Impedance	100 Ohm
Frequency Range	/
Temperature Range	-40°C to +105°C

HSD Z Male to RJ45 Jack Cable



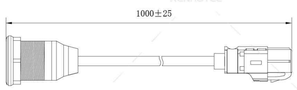
Part Number	RHT-605-20841
Connector A	HSD 4P Z Male
Connector B	RJ45 Female
Cable Type	26AWG*2P+AEB
Length	Customized
Impedance	100 Ohm
Frequency Range	/
Temperature Range	-40°C to +105°C

HSD Z Female to RJ45 Male Plug Cable



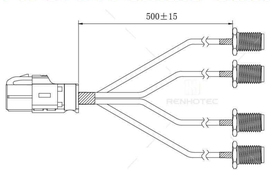
Part Number	RHT-605-20844
Connector A	HSD 4P Z Female
Connector B	RJ45 Male
Cable Type	26AWG*2P+AEB
Length	Customized
Impedance	100 Ohm
Frequency Range	/
Temperature Range	-40°C to +105°C

HSD Female to RJ45 Female Cable



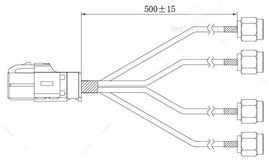
Part Number	RHT-605-20845
Connector A	HSD 4P Z Female
Connector B	RJ45 Female
Cable Type	26AWG*2P+AEB
Length	Customized
Impedance	100 Ohm
Frequency Range	/
Temperature Range	-40°C to +105°C

HSD Z Female to 4 x SMA Female Cable



Part Number	RHT-605-20846
Connector A	HSD 4P Z Female
Connector B	4* SMA Female
Cable Type	RG316 RF
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

HSD Female to 4 x SMA Male Cable



Part Number	RHT-605-20847
Connector Type	HSD 4P Z Female
Mounting Type	4* SMA Male
Cable Type	RG316 RF
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

HSD Male to USB 2.0 AM Extension Cable

Part Number	RHT-605-20838
Connector Type	HSD 4P Z Male
Mounting Type	USB 2.0 Male
Cable Type	28AWG*1P+24AWG*2C+AEB
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

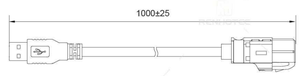
HSD Male to USB 2.0 AF Extension Cable

Part Number	RHT-605-20839
Connector A	HSD 4P Z Male
Connector B	USB 2.0 Female
Cable Type	28AWG*1P+24AWG*2C+AEB
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

HSD Female to USB 2.0 AF Extension Cable

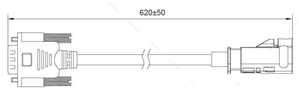
Part Number	RHT-605-20842
Connector A	HSD 4P Z Female
Connector B	USB 2.0 Female
Cable Type	28AWG*1P+24AWG*2C+AEB
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

HSD Z Female to USB 2.0 A Male Cable



Part Number	RHT-605-20843
Connector A	HSD 4P Z Female
Connector B	USB 2.0 Male
Cable Type	28AWG*1P+24AWG*2C+AEB
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

HSD to DB9 Automotive Diagnostic Cable

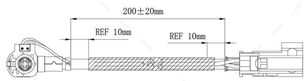


Part Number	RHT-605-20823
Connector A	D4S10A-1D5A5-Z
Connector B	DB9 Male
Cable Type	/
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

HSD to DB9 Car BroadR-Reach Cable

Part Number	RHT-605-20824
Connector A	HSD 4+2P Z Female
Connector B	DB9 Female
Cable Type	/
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

HSD Male to HSD Female Extension Cable



Part Number	RHT-605-5620
Connector A	HSD 4P Z Male
Connector B	HSD 4P Z Female
Cable Type	7/0.16TC*1.2*4C+MY+128/0.1TC)*4.6
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

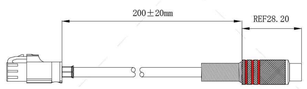
R/A HSD to GX12 Extension Cable

Part Number	102-11-10009
Connector A	HSD 4P Z Female
Connector B	GX12 4P Male
Cable Type	RG178+2C*AWG22+AL+B Jacket: PVC Black OD5.0±0.2
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

HSD Male to GX12 Extension Cable

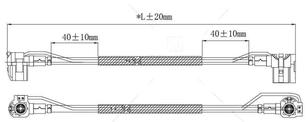
Part Number	RHT-605-9895
Connector A	HSD 4P Z Female
Connector B	GX12 4P Male
Cable Type	RG178+2C*AWG22+AL+B Jacket: PVC Black OD5.0±0.2
Length	Customized
Impedance	50 Ohm
Frequency Range	DC to 2 GHz
Temperature Range	-40°C to +105°C

HSD to RCA Extension Cable



Part Number	102-11-10015
Connector Type	HSD 4P E Female
Mounting Type	RCA Female
Cable Type	7/0.16TC*1.2*4C+MY+128/0.1TC)*4.6
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

HSD R/A Female Extension Cable



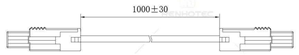
Part Number	RHT-605-9755
Connector A	HSD 4+2P H Female
Connector B	HSD 4+2P D Female
Cable Type	7/0.16TC*1.2*4C+MY+AL+128/0.1TC)*4.6
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

RENHOTEC

HSC Connector and Cable Assembly

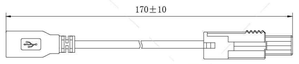
- **High-Speed Transmission:**
  Supports data rate up to 1Gbps+, applicable for USB2.0, LVDS and camera signal transmission.
- **Standards Compliance:**
  Compliant with USCAR-2 automotive component specifications.
- **Durable Robust Design:**
  Compact 0.50mm square terminals with full-shield for good EMI performance; audible latch-lock for secure, vibration-resistant mating.
- **Mismating Prevention:**
  Multiple mechanical coding keys plus color-coded housings to avoid incorrect cross-mating.
- **Flexible Board-Side Options:**
  Available in vertical and right-angle PCB configurations for diverse layout requirements.
- **Wide Temperature Range:**
  Operates reliably from -40°C to +100°C per USCAR-2 T2 class.

HRS GT32 to HSC Automotive Cable Assembly



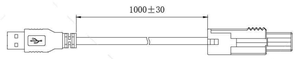
Part Number	RHT-605-20850
Connector A	HSC A Female
Connector B	HSC A Female
Cable Type	28AWG*1P+24#*2C+AEB
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

USB 2.0 Female to HSC Automotive Cable



Part Number	RHT-605-20801
Connector A	USB 2.0 Female
Connector B	HSC A Female
Cable Type	UL2725 28AWG*1P+24#*2C+AEB
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

HSC to USB Automotive High-Speed Data Cable



Part Number	RHT-605-20849
Connector A	E6K10D-1CAZ5-Z
Connector B	E6K10D-1CAZ5-Z
Cable Type	GG 2Speed 251
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 10 GHz
Temperature Range	-40°C to +105°C

GT32 Automotive High Speed Data Cable

Part Number	104-12-10001-150
Connector A	GT32-4DS Female
Connector B	GT32-4DP Male
Cable Type	4C*AWG26
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

RENHOTEC

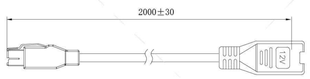
Powered USB Connector and Cable Assembly

- **High-speed Data & Power Delivery:**
  Compliant with USB4 Gen3, supporting transfer rates up to 40 Gbps and PD 3.1 up to 5 A/48 V (240 W).
- **Standards Compliance:**
  Meets USCAR-2 design requirements to ensure reliability under severe automotive conditions.
- **Durable Construction:**
  Built with UL94 V-0 high-temperature plastics and gold-plated contacts for long-lasting performance.
- **Environmental Resistance:**
  Withstands vibration, shock, oils, acids, and chemicals in harsh automotive environments.
- **Wide Operating Temperature:**
  Ensures stable performance from −40 °C to +105 °C.

12V Powered USB Cable Male to Male

Part Number	RHT-605-20929
Connector A	USB 12V Male
Connector B	USB 12V Male
Cable Type	UL2725 28#*1P+22#*2C+20#*4C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

12V Powered USB Male to Female Cable



Part Number	RHT-605-20930
Connector A	USB 12V Male
Connector B	USB 12V Female
Cable Type	UL2725 28#*1P+22#*2C+20#*4C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

12V Powered USB Cable Female to Female

Part Number	RHT-605-20928
Connector A	USB 12V Female
Connector B	USB 12V Female
Cable Type	UL2725 28#*1P+22#*2C+20#*4C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

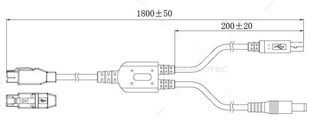
Powered USB 12V to USB 2.0 Printer Cable

Part Number	RHT-605-20926
Connector A	USB 12V Male
Connector B	USB 2.0 Type B Male
Cable Type	UL2725 28#*1P+22#*2C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

Powered USB 12V to DC 5.5*2.1mm Cable

Part Number	RHT-605-20925
Connector A	USB 12V Male
Connector B	DC 5.5*2.1mm Male
Cable Type	UL2464 20#*2C
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

Powered USB Cable 12V to USB-B + DC5521



Part Number	RHT-605-20923
Connector A	USB 12V Male
Connector B	USB 2.0 Type B Male DC 5.5*2.1mm Male
Cable Type	UL2464 20#*2C+UL2725 28#*1P+24#*2C+20#*4C+ADB+UL2725 28#*1P+22#*2C+20#*4C+ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

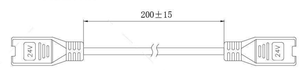
24V Powered USB Male to Male Cable

Part Number	RHT-605-20919
Connector A	USB 24V Male
Connector B	USB 24V Male
Cable Type	UL2725 28#*1P+22#*2C+20#*4C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

24V Powered USB Extension Cable

Part Number	RHT-605-20921
Connector A	USB 24V Male
Connector B	USB 24V Female
Cable Type	UL2725 28#*1P+22#*2C+20#*4C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

24V Powered USB Female to Female Cable

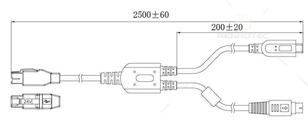


Part Number	RHT-605-20920
Connector A	USB 24V Female
Connector B	USB 24V Female
Cable Type	UL2725 28#*1P+22#*2C+20#*4C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

24V Powered USB to Hosiden 3 Pin Cable

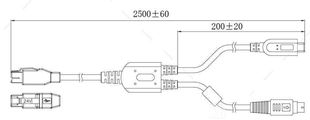
Part Number	RHT-605-20918
Connector A	USB 24V Male
Connector B	Din 3 Pin Male
Cable Type	UL2725 18#*2C
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

24V Powered USB to Din 3P+USB-C Cable



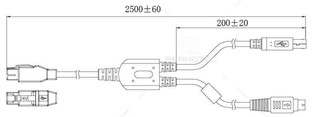
Part Number	RHT-605-20915
Connector A	USB 24V Male
Connector B	USB-C+ Din 3 Pin Male
Cable Type	UL2464 18#*2C+PVC+UL2725 28#*1P+24#*2C+ADB+UL2725 28#*1P+22#*2C+20#*4C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

24V Powered USB to Din 4 P + USB-C Cable



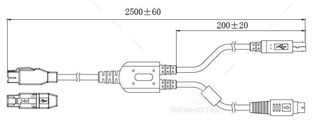
Part Number	RHT-605-20913
Connector A	USB 24V Male
Connector B	USB-C+ Din 4 Pin
Cable Type	UL2464 18#*2C+PVC+UL2725 28#*1P+24#*2C+ADB+UL2725 28#*1P+22#*2C+20#*4C+ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

24V Powered USB to Din 3P + USB-B Cable



Part Number	RHT-605-20916
Connector A	USB 24V Male
Connector B	USB-B+Din 3 Pin
Cable Type	UL2464 18#*2C+PVC+UL2725 28#*1P+24#*2C +ADB+UL2725 28#*1P+22#*2C+20#*4C+ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

Powered USB Cable 24V to USB-B+ Din 4P



Part Number	RHT-605-20914
Connector A	USB 24V Male
Connector B	USB-B+ Din 4 Pin
Cable Type	UL2464 18#*2C+PVC+UL2725 28#*1P+24#*2C+ ADB+UL2725 28#*1P+22#*2C+20#*4C+ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

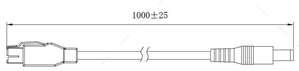
Powered USB Extension Cable 12V to 24V

Part Number	RHT-605-20924
Connector A	USB 24V Female
Connector B	USB 12V Male
Cable Type	UL2725 28#*1P+22#*2C+20#*4C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

12V to 24V Powered USB Cable

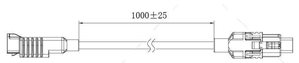
Part Number	RHT-605-20927
Connector A	USB 24V Female
Connector B	USB 12V Female
Cable Type	UL2725 28#*1P+22#*2C+20#*4C +ADB
Length	Customized
Impedance	/
Frequency Range	/
Temperature Range	-40°C to +105°C

USB 3.1 Automotive Data Transfer Cable



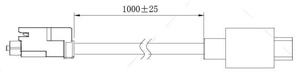
Part Number	RHT-605-20799
Connector A	USB 3.1 Type-C
Connector B	USB 3.1 Type-C
Cable Type	[7/0.08T*1P+DX(7/0.08T)+AL+MY]*4C+7/0.08T*IP +7/0.08T*4C+65/0.08T*1C+AB(16/9/0.08TC) OD:5.5mm PVC BLACK
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 5 GHz
Temperature Range	-40°C to +105°C

Automotive-Grade USB 3.1 Extension Cable



Part Number	RHT-605-20800
Connector A	USB 3.1 Type-C Male
Connector B	USB 3.1 Type-C Female
Cable Type	[7/0.08T*1P+DX(7/0.08T)+AL+MY]*4C+7/0.08T*IP +7/0.08T*4C+65/0.08T*1C+AB(16/9/0.08TC) OD:5.5mm PVC BLACK
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 5 GHz
Temperature Range	-40°C to +105°C

Automotive-Grade HSBridge USB 3.1 Cable

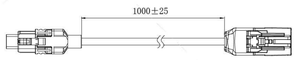


Part Number	RHT-605-20851
Connector A	USB 3.1 Type-C Male
Connector B	USB 3.1 Type-C Male
Cable Type	Automotive High-Speed USB Cable
Length	Customized
Impedance	100 Ohm
Frequency Range	DC to 6 GHz
Temperature Range	-40°C to +105°C

Mini HSBridge USB 3.1 Data Cable

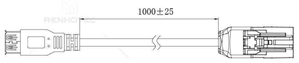
Part Number	RHT-605-20869
Connector A	USB 3.1 Type-C
Connector B	USB 3.1 Type-C Male
Cable Type	[7/0.08T*1P+DX(7/0.08T)+AL+MY]*4C+7/0.08T*IP +7/0.08T*4C+65/0.08T*1C+AB(16/9/0.08TC) OD:5.5mm PVC BLACK
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 5 GHz
Temperature Range	-40°C to +105°C

HSAutoLink 12 Pin to USB 3.1 LVDS Cable



Part Number	RHT-605-20866
Connector A	111146-3080
Connector B	USB 3.1 Type-C Male
Cable Type	[7/0.08T*1P+D(7/0.08T)+AL+MY]*2C+7/0.08T*1P+ 7/0.08T*4C+65/0.08T*1C+AB(16/9/0.08TC) OD:5.5mm PVC BLACK
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C

HSAutoLink 12P Male to USB 3.0 Female Cable



Part Number	RHT-605-20867
Connector A	111146-3080
Connector B	USB 3.0 Female
Cable Type	[7/0.08T*1P+D(7/0.08T)+AL+MY]*2C+7/0.08T*1P +7/0.08T*4C+65/0.08T*1C+AB(16/9/0.08TC) OD:5.5mm PVC BLACK
Length	Customized
Impedance	90 Ohm
Frequency Range	DC to 0.48 GHz
Temperature Range	-40°C to +105°C