

F Type Connector Straight Male Compression Cable Type RG58 - RHT-611-0038



Drawing

				Product NO. Renhotec-611-0038				
				REV	DESCRIPTION	DWN	DATE	APPROVEN
				A	First issue	Mr. chen	2016/3/18	John kine

SPECIFICATIONS:
 Impedance: 75 Ohms
 Frequency Range: DC~3G
 VSWR: 30dB Return loss @ 1GHZ
 Working Voltage: 15 watts continuous
 Insulation Resistance: 5000 Ohms min
 Temperature Range: -40°C TO +60°C
 Drawings products are in line with ROHS standards

1	Shell	Brass	NI:80-120u"	NOTE:	Tolerance	0-6 ±0.10 6-30 ±0.20 30-120 ±0.30 Angular ±2°	RENHOTECH GROUP www.renhotec.com					
2	Body	Brass	NI:80-120u"		DRAWN	2016/03/18						
3	Contact pin	Brass	NI:80-120u"		Zelin. Zhang	18						
4	Insulation	Pom	None		CHECKED							
5												
6						View		Name: F Plug Stright For RG/59				
7						UNIT	MM	SIZE	A	Product NO. RENHOTECH-611-0038	REV	B
8						SCALE	1:1	Date/Time	2016/3/18	CAD FILE	D/company drawings/BD	SHEET: 1 OF 1
9												
10	Component Number	Material	Finish	APPROVALS	John Kine	18/03.2016						

Basic Information

Connector Type	Plug
Fastening Type	3/8-32 Threaded
Mounting Type	Cable Mount
Orientation	Straight
RF Series	F Type

Mechanical Specification

Contact Retention	20 in-lbs min.
Mating Durability	≥ 500 Cycles

Environmental Specification

Temperature Range	-40°C to +140°C
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Material Specification

Shield Termination	Compression
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Material and Finish

Component Description	Material	Finish
Shell	Copper Alloy	Nickel Plated
Insulator	POM	
Center Contact	Brass	Nickel Plated

Impedance Testing

Impedance	75 ohm
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Frequency & VSWR Test Report

Frequency Range	DC-1GHz
VSWR	R/A type ≤ 1.3MAX, Straight type ≤ 1.2 MAX



Contact Resistance Test

Contact Type	Male Pin
Center Contact Resistance	≅ 10 MΩ (Milliohms Max.)
Outer Contact Resistance	≅ 5 MΩ (Milliohms Max.)



Working Voltage & Insulation Resistance Test

Insulation Resistance	≥1000MΩ
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Version History

REV	Date	Revise Contents	Drafter	Approver
A.0	2026.4.13	The initial formulation	Esther	Joson

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.