

F Type Connector Right Angle Jack Crimp Cable Type RG174 - RHT-611-0044



Drawing

				Product NO. Renhotec-611-0044		
REV		DESCRIPTION		DWN	DATE	APPROVEN
A		First issue		Mr. chen	2016/3/20	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

NOTE:				Tolerance		0-6 ±0.10 6-30 ±0.20 30-120 ±0.30 Angular ±2°		RENHOTECH GROUP www.renhotec.com	
DRAWN		2016/03/20		View				Name: F R/A JACK (FOR RG174)	
CHECKED				UNIT		MM		SIZE A Product NO. RENHOTECH-611-0044	
APPROVALS		2016/03/20		SCALE		1:1		Date: 2016/3/20	
DESCRIPTION		MATERIAL		FINISH		QTY		CAD FILE D/company drawings/BD SHEET: 1 OF 1	

Basic Information

Connector Type	Jack
Fastening Type	3/8-32 Threaded
Mounting Type	Cable Mount
Orientation	Right Angle
RF Series	F Type

Mechanical Specification

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

Environmental Specification

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

Shield Termination	Crimp
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Material and Finish

Component Description	Material	Finish
Shell	Copper Alloy	Nickel Plated
Insulator	PTFE	
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	Female 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.