

- Information



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Product.

FCCC 1/2-7/16 Right Angle Male Connector

Prod No.

FCCC-404170

Application and Properties:

The FCCC 1/2-7/16 right angle male connector is series 7/16 RF coaxial connector, characteristic impedance is 50Ω. The crimp RF coaxial provides superior performance for both return loss and intermodulation distortion.

This 1/2-7/16 male crimp connector is connected to 1/2" superflexible feeder cable and are ideal for those applications where vibration resistance and environmental protection is important, such as radio base stations and broadcast communication applications because has features such as low RL, low IMD, high power capacity, low VSWR, and air tightness.

- Other Details

- Very robust, extremely stable and with waterproof specifications
- Low IMD and low VSWR provides improved system performance
- Excellent mechanical and environmental properties
- IP67 protection
- Excellent electrical conductivity
- Compliant with IEC, MIL-STD, RoHS, and etc



- Technical Specification

Environment Specifications

Temp. Range	-40°C +85°C
Water-Proof	IP67
(RoHs (2002/95/EC	Compliant

Electrical and Mechanical Characteristics

Impedance	50Ω
Frequency Range	DC-3GHz
VSWR	≤1.08@3.0GHz
Insertion Loss	≤0.08@3GHz
Dielectric Withstanding Voltage	≥2500 V rms
Dielectric Resistance	≥5000 MΩ
Contact Resistance	Center Contact ≤0.4mΩ Outer Contact ≤1 mΩ

Material and Plating

	Material	Plating
Body	Brass	Tri-metal
Insulator	PTFE	-
Center Conductor	Brass	Ag
Coupling Nut	Brass	Tri-metal
Cable Clamp	Brass	Tri-metal
Gasket	Silicon Rubber	-

Applicable Standard

DIN47275
IEC 60169-4, IEC 529
IEC 62037