

- Information



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Product.

4.3-10 Male Connector for 1/2 SCF

Prod No.

FCCC-404038

Information:

The PIM of 4.3/10 connector is better 7/16 and it is suitable for applications which have space, weight or power limitations.

Applications:

Antenna interface

Filter applications

Outdoor and indoor wireless communication solutions

Applications with challenges with limited space, weight or power

- Other Details

- Very robust, extremely stable and with waterproof specifications
- Low IMD and low VSWR provides improved system performance
- Excellent mechanical and environmental properties
- IP68 protection
- Excellent electrical conductivity
- Compliant with IEC 61169-54, IEC 61169-1, IEC 60529, ISO.21207

RoHS

- Technical Specification

Item	DATA
Connector	4.3-10, Straight plug
Connector Description	Straight male connector for 1/2" Super Flexible RF Cable
Mounting Angle	Straight
Center conductor Material/plating	Phosphor bronze, Ag
Body, Material/Plating	Brass/Tri-alloy
Coupling nut, Material/Plating	Brass/Tri-alloy
Dielectric	PTFE
Press ring	Brass/Ag
Gasket	Silicone
Electrical data	
Connector Impedance	50 Ω
Operating Frequency Band	DC to 12 GHz

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VSWR	≤1.07 @DC-3000MHz
Insertion loss	≤ 0.05 *√f(GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 1.0 mΩ
Outer contact resistance	≤ 1.0 mΩ
Working voltage	500 V rms
PIM	≤ -160dBc @2×20W
Power handling (at 90 °C)	500 W @ 2.0 GHz

Mechanical & Environmental data

Mating cycles	≥ 100
Temperature range	-40 °C to +85 °C operating temperature
Degree of protection (mated pair)	IEC 60529, IP68

Dimensions, mm

