

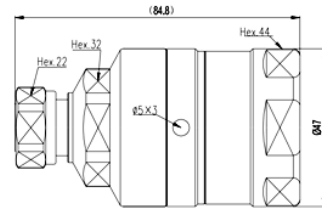


PRODUCT DATA SHEET

Coaxial Cable Connector : 4310M-1-1/4AR

Description

4.3-10 Straight Male Connector for 1-1/4" RF Leaky Cable



MATERIALS & PLATING

	Description	Material	Surface Plating	Remark
1	Inner Conductor Pin	Brass	Silver	-
2	Inner Conductor Socket	Tin Bronze	Silver	-
3	Outer Contact & Body	Brass	Trimetal	-
4	Insulator	PTFE	TPX	-
5	Gasket	Silicon Rubber	-	-
6	Nut	Brass	Trimetal	-

ELECTRICAL CHARACTERISTICS

	Item	Technical Data
1	Impedance	50Ω
2	Frequency range max	DC~2.7GHz
3	Insulation Resistance	≥10000 MΩ
4	Center Contact Resistance	≤1.5 mΩ
5	Outer Contact Resistance	≤1.5 mΩ
6	Dielectric Strength	2500V RMS
7	Working Voltage	1400V RMS
8	Insertion Loss	≤0.10dB @DC~2.7GHz
9	VSWR	≤1.20 @0.7~2.7GHz
10	PIM3	≤-150dBc

ENVIRONMENTAL AND MECHANICAL CHARACTERISTICS

1	Durability (matings)	≥ 500 cycles
2	Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
3	Vibration Test Method	MIL-STD-202, Method 204, Test Condition A
4	Temperature Range	-65°C ~ +85°C
5	RoHS	Compliant
6	Standard	ISO 9001:2015

Technical data are subjected to change without notice – File : 4310M-1-1_4AR 2018 V1.0