



# PRODUCT DATA SHEET

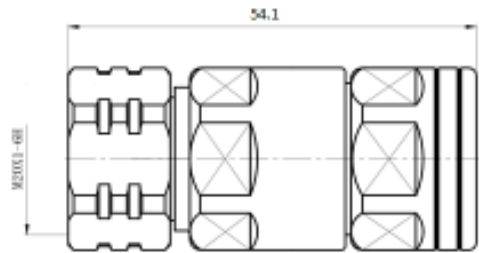
## Coaxial Cable Connector : 4310-J1/2SF

### Description

4.3/10 Male Straight Screw Type for 1/2" Super Flexible Cable

### Suitable standard

IEC 61169-54



Dimensions are in millimeters

### MATERIALS & PLATING

	Description	Material	Surface Plating	Remark
1	Body	BRASS	Tri-Alloy	-
2	Center Conductor	Phosphor bronze	Ag	-
3	Insulator	PTFE	-	-
4	Other	BRASS	Ni	-

### ELECTRICAL CHARACTERISTICS

	Item	Technical Data
1	Impedance	50Ω
2	Frequency range max	DC~6GHz
3	Dielectric Withstanding Voltage	2500V (RMS)
4	Contact Resistance	Center conductor ≤ 1mΩ, Outer conductor ≤ 1mΩ
5	Insulation Resistance	≥ 5000MΩ
6	VSWR	≤1.10 @ DC~3 GHz ≤1.20 @ 3~6 GHz
7	PIM@2x43dBm	≤-165 dBc

### MECHANICAL CHARACTERISTICS

1	Durability	≥ 100 Mating cycles
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### ENVIRONMENTAL CHARACTERISTICS

1	Temperature range	- 40°C to +85 °C
2	Environment	IP67
3	RoHS-compliance	Full RoHS compliance
4	Salt-fog test	96h

Technical data are subjected to change without notice – File : 4310-J1/2SF 2017V1.0