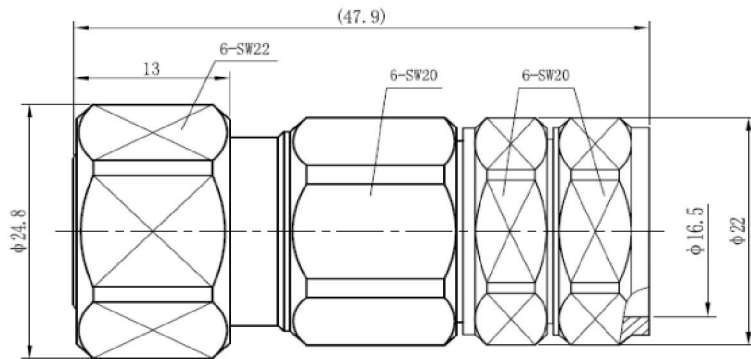


KINGSIGNAL CONNECTOR 4.3-10

Connector 4.3/10 Male for 1/2 " Super Flexible Cable,HC



1 Product Structure

Pos	Designation	Material
1	Inner Conductor	Bass, Silver - Plated
2	Insulator	PTFE
3	Outer Conductor	Brass, TriMetal - Plated
4	Nut	Brass, Nickel - Plated
5	O-Ring	Silicone Rubber
6	Dust Caps	Polypropylene(PP)

2 General Specifications

Interface	4.3/10 Male
Body Style	Straight
Inner Contact Attachment	Captivated
Cable Size	1/2" Super flexible
Cable Type	Foam Dielectric
Logo	NO

3 Electrical Specifications

Impedance	50 Ω
Operating Frequency Range	0~6GHz
Insertion Loss, Typical	$\leq 0.05 \sqrt{f}$ (GHz) dB
Return Loss, Typical	0 - 3GHz ≤ 1.10
	3-4.2GHz ≤ 1.20
	3-4.2GHz ≤ 1.30
Intermodulation(3 rd Order)	≤ -112 dBm
Intermodulation(3 rd Order) Test Method	2x43 dBm Carriers
Contact Resistance, Inner Conductor	≤ 1.0 mOhm
Contact Resistance, Outer Conductor	≤ 1.0 mOhm
Insulation Resistance	≥ 5000 M Ω
Average Power	1.0 kW @ 900 MHz
Operating Voltage (At sea level, 50Hz AC)	≤ 2500 V
Test Voltage (At sea level, 50Hz AC,	≥ 1000 V