

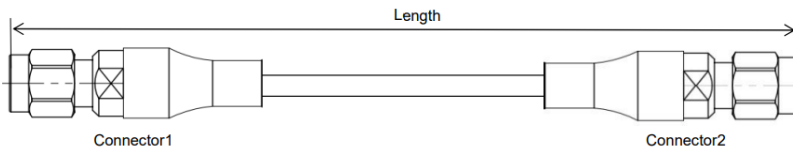
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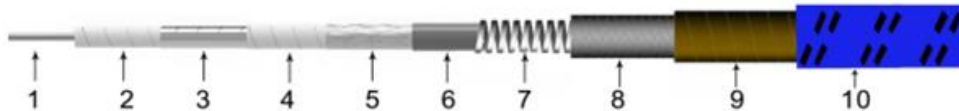
DC-110 GHz, 1.0mm Male to 1.0mm Male

Armored Bench Test Cable Assembly, Using SRFS180P



Configuration			
Connector1	1.85mm male	Connector 2	1.85mm male
Body	Passivated stainless steel	Body	Passivated stainless steel
Center Contact	Gold plated brass	Center Contact	Gold plated brass
Cable Type	PL180P with Armor		

Cable and Armor Construction



No.	Construction	Material
1	Center Conductor	Solid silver-plated copper
2	Dielectric	Low-density PTFE
3	Outer Conductor	Silver-plated copper tape wraps
4	Interlayer	Low density PTFE
5	Outer Shield	Silver-plated copper wire braid
6	Inner Jacket	FEP
7	Crush Resistance Layer	Stainless steel spirals
8	Strengthening Layer	Silver plated copper braid
9	Waterproof Layer	PTFE Binder
10	Armor Jacket	Braiding PTFE

Add: plot no 10 shiv vihar a block Najafgarh Sahibi river road Vikas Nagar Uttam nagar new delhi-110059

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Armored Bench Test Cable Assembly, Using SRFS180P

Electrical & Mechanical Specifications	
Frequency	DC-110 GHz
Impedance	50 Ω
Min. Bending Radius Static	20mm
Min. Bending Radius Repeated	40mm
VSWR	1.45
Velocity of Propagation	82%
IL Max(10 cm assembly)	2.6dB
Flex Life Min	20000 cycles
*Mechanical Phase Stability	<±12°@110GHz
Amplitude Stability vs Shaking	<±0.2dB@110GHz
Temperature (Operation)	-50~85 °C
Temperature (Storage)	-60~85 °C

Electrical & Mechanical Specifications										
Frequency MHz	300	1000	2000	3000	6000	12000	16000	18000	26500	40000
dB/100	0.6	1.1	1.6	2.0	2.8	4.0	4.7	5.0	6.1	7.6
Avg. Power kW	61.0	33.0	24.0	19.0	14.0	10.0	8.0	8.0	6.0	5.0

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