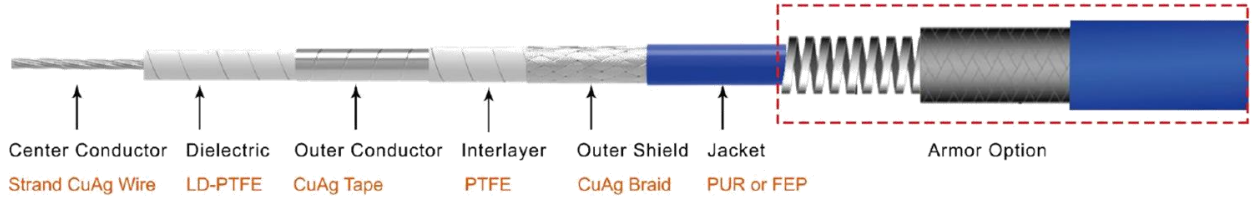


26.5GHz Ultra Phase Stable Low Loss Cable

Armor Cable Assembly, A252, SMA Female to SMA Female 5Meter

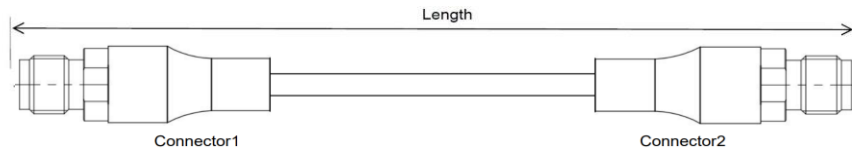
P.N. : B-A2SM.SM00.3

Cable Structure



Structure	Diameter (mm)	Material
1. Center Conductor	1.02	Solid silver plated copper
2. Dielectric	3.03	LD PTFE wrapping
3. Outer conductor	3.22	Silver plated copper strip wrapping
4. Interlayer	3.47	PTFE
5. Outer shield	4.05	Silver plated copper wire braiding
6. Inner Jacket	5.20	PUR
7. Crush Resistance Layer	6.50	Stainless steel spiral
8. Strengthening Layer	7.10	Silver plated copper braid
9. Armor Jacket	8.80	PUR

Cable Assembly



- Length is measured from one connector end to the other connector end as shown above. For RA connectors, use the pin center-line.

Cable Assembly Configuration

Connector (Right)	SMA Female, straight
Body/Coupling Nut/Contact Material	Passivated s/steel, Gold plated BeCu contacts
Connector (Left)	SMA Female, straight
Body/Coupling Nut/Contact Material	Passivated s/steel, Gold plated BeCu contacts
Cable Type	P252-Armor

Photo



26.5GHz Ultra Phase Stable Low Loss Cable

Armor Cable Assembly, A252, SMA Female to SMA Female 5Meter

P.N. : B-A2SM.SM00.3

Electrical Specification

Frequency Range	DC-26.5GHz				
Impedance	50 ohm				
VSWR Max	1.25:1 (DC ~ 26.5GHz)				
V. P	76%				
Withstanding Volt	1500V DC				
Shielding effectiveness	> 90dB				
Mechanical Phase Stability	< $\pm 5^\circ$				
Amplitude Stability vs Shaking	< ± 0.1 dB				
Max Attenuation vs Frequency dB @ 25° C (without two connectors)	4GHz	6GHz	12GHz	18GHz	26.5GHz
	0.82dB	1.03dB	1.55dB	1.98dB	2.52dB
Avg Power at sea level @ 40°C	70W	55W	37W	29W	23W

Environmental Specification

Operating Temperature	-50°C to +150 °C
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Mechanical Specification

Min Bending Radius static	44mm
Min Bending Radius repeated	88mm
Weight	60 gram / Meter (Cable itself)

26.5GHz Ultra Phase Stable Low Loss Cable

Armor Cable Assembly, A252, SMA Female to SMA Female 5Meter

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Electrical Specification

