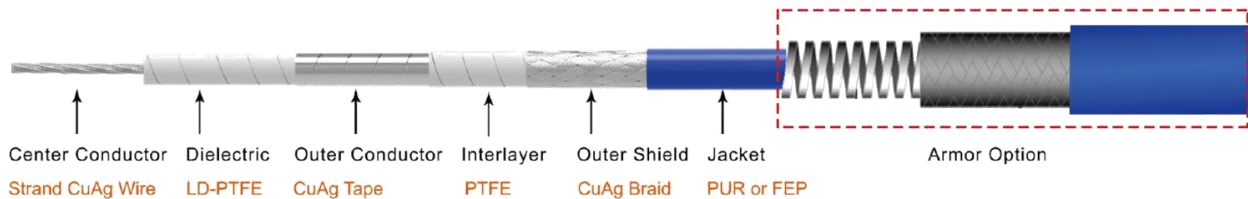


# 18GHz Ultra Phase Stable Low Loss Cable

## Armor Cable Assembly, A252, N male to N male 3.0Meter

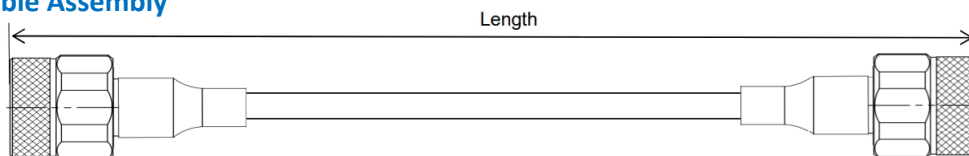
P.N. : B-A2NM.NM00.1

### Cable Structure



Structure	Diameter (mm)	Material
1. Center Conductor	1.02	Stranded 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. Jacket	5.20	PUR
7. Crush Resistance Layer ( <b>Armor</b> )	6.50	Stainless steel spiral
8. Strengthening Layer ( <b>Armor</b> )	7.10	Silver plated copper braid
9. Armor Jacket ( <b>Armor</b> )	8.80	A252

### 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)	N male, straight
Body/Coupling Nut/Contact Material	Passivated s/steel, Gold plated BeCu contacts
Connector (Left)	N male, straight
Body/Coupling Nut/Contact Material	Passivated s/steel, Gold plated BeCu contacts
Cable Type	A252-Armor

### Cable Assembly



# 18GHz Ultra Phase Stable Low Loss Cable

## Armor Cable Assembly, A252, N male to N male 3.0Meter

P.N. : B-A2NM.NM00.1

### Electrical Specification

Frequency Range	DC-18GHz				
Impedance	50 ohm				
VSWR Max	1.30:1				
V. P	76%				
Mechanical Phase Stability	±4°@18GHz				
Amplitude Stability vs Shaking	±0.1dB to 18GHz				
Max Attenuation vs Frequency dB @ 25°C ( without two connectors )	4GHz	6GHz	12GHz	18GHz	26.5GHz
	0.82dB	1.03dB	1.54dB	1.98dB	2.52dB
Avg Power at sea level @ 40°C	70W	55W	37W	29W	23W

### Environmental Specification

Operating Temperature	-50°C to +85 °C
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### Mechanical Specification

Min Bending Radius static	44mm
Min Bending Radius repeated	52mm
Weight	63 gram / Meter ( Cable itself)

# 18GHz Ultra Phase Stable Low Loss Cable

## Armor Cable Assembly, A252, N male to N male 3.0Meter

P.N. : B-A2NM.NM00.1

### Electrical Specification

(A252, N male to N male 1.0Meter based)

