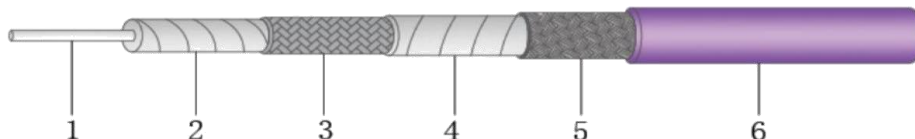


# 40GHz, Triple-shielding Bend-Formable Cable Assembly

Cable Assembly, M26, 2.92mm male to 2.92mm male 0.1Meter

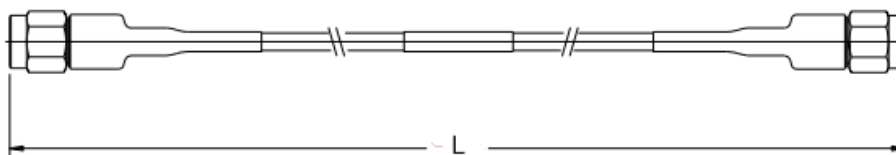
P.N. : B-M229.2900.1

## Cable Structure



Structure	Diameter (mm)	Material
1. Center Conductor	0.56	Solid silver plated copper
2. Dielectric	1.70	Low density PTFE
3. Outer conductor	1.85	Silver plated copper wire braiding
4. Middle Layer	1.98	Aluminum Foil
5. Outer shield	2.24	Stainless steel wire
6. Jacket	2.64	FEP

## Cable Assembly

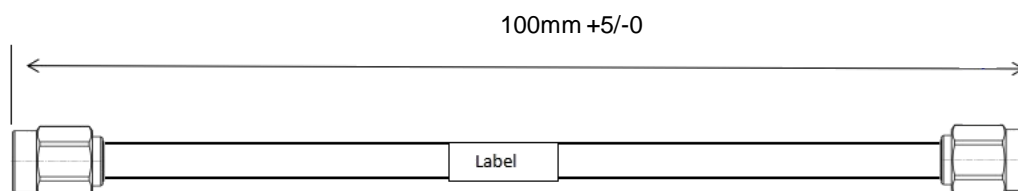


- Length is measured from one connector end to the other connector end as shown above. For RA connectors, use the pin center-line.

## Cable Assembly Configuration

Connector (Right)	2.92mm male, straight
Body/Coupling Nut/Contact Material	Passivated s/steel, Gold plated BeCu contacts
Connector (Left)	2.92mm male, straight
Body/Coupling Nut/Contact Material	Passivated s/steel, Gold plated BeCu contacts
Cable Type	M26

## Cable Assembly

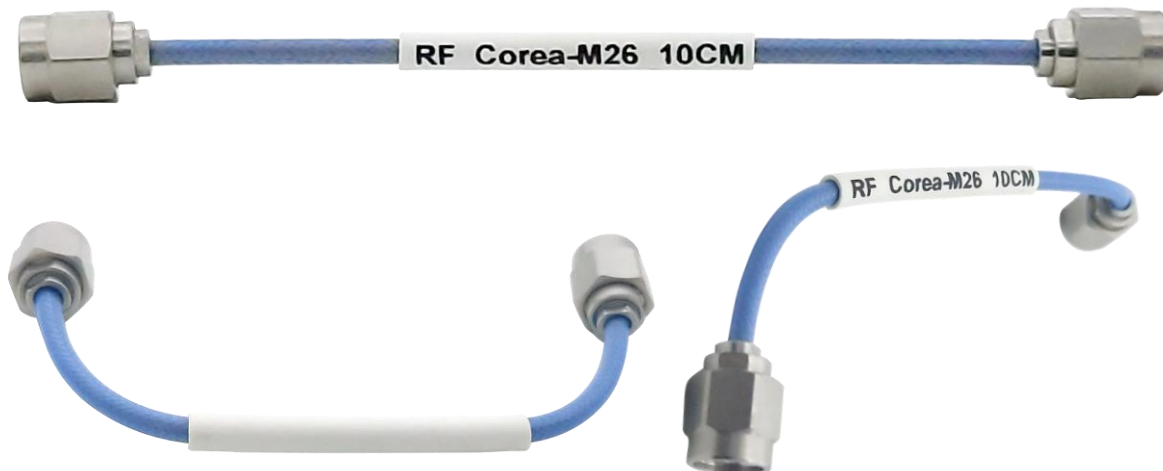


# 40GHz, Triple-shielding Bend-Formable Cable Assembly

Cable Assembly, M26, 2.92mm male to 2.92mm male 0.1Meter

P.N. : B-M229.2900.1

## Photos



## Electrical Specification

Frequency Range	DC-40GHz					
Impedance	50 ohm					
VSWR Max	1.40:1 (DC ~ 40GHz)					
V. P	76%					
Mechanical Phase Stability	±5°@40GHz					
Max Attenuation vs Frequency dB/M @ 25°C ( Cable only )	2GHz	6GHz	12.4GHz	18GHz	26GHz	40GHz
	85.8dB	1.51dB	2.23dB	2.73dB	3.37dB	4.24dB
Avg Power at sea level @ 40°C	72W	41W	28W	23W	18W	15W

(The above attenuation refers to typical loss of cable only. Insertion loss per connector is estimated as 0.03dB x SQRT Freq(GHz). )

## Environmental Specification

Operating Temperature	-50°C to +85 °C
Storage Temperature	-60°C to +85 °C

## Mechanical Specification

Min Bending Radius static	10.5mm
Min Bending Radius repeated	26mm

# 40GHz, Triple-shielding Bend-Formable Cable Assembly

Cable Assembly, M26, 2.92mm male to 2.92mm male 0.1Meter

P.N. : B-M229.2900.1

## Test Data

