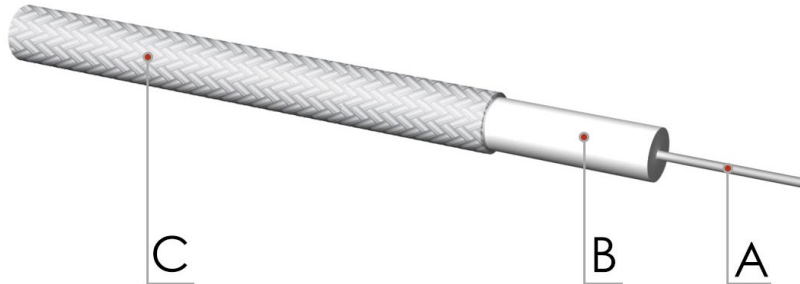


DATASHEET



FEATURES:

- High power handling
- High temperature
- Non-magnetic conductors

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	0.92 mm (0.036 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	1.70 mm (0.067 in)	-
C Outer Conductor	TC (Tin Plated Copper)	2.15 mm (0.085 in)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	25Ω (±2)
Operating Frequency	dc - 26.5 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	190 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Shield Effectiveness	> 90 dB
Working Voltage	1000 V _{RMS} (max.)
Weight	17 Kg/Km
Min. Bending Radius	9 mm (single)



Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.5	56.1	17.1	203
1.0	78.4	23.9	141
5.0	179.5	54.7	60
10.0	260.1	79.3	41
18.0	361.1	110.1	29
26.5	449.4	137.0	23