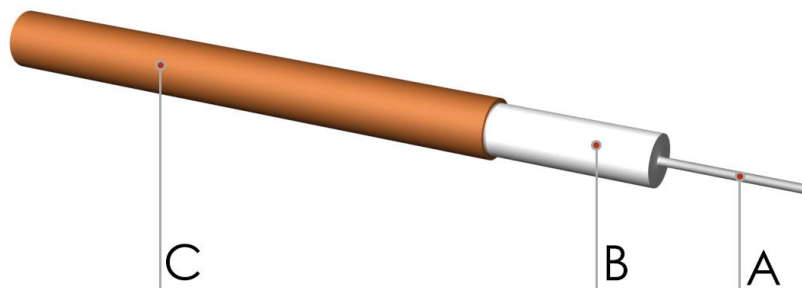


DATASHEET



FEATURES:

- High temperature
- High shielding
- High power
- 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)	2.99 mm (0.118 in)	-
C Outer Conductor	CU (Bare Copper)	3.58 mm (0.141 in)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	50Ω (±2)
Operating Frequency	dc – 26.5 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	98 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Shield Effectiveness	> 90 dB
Working Voltage	1900 V _{RMS} (max.)
Weight	50.5 Kg/Km
Min. Bending Radius	7.5 mm (single)



Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.5	27.0	8.2	605
1.0	40.0	12.2	430
2.0	58.0	17.7	320
5.0	95.0	29.0	198
10.0	145.0	44.2	140
14.0	180.0	54.9	109
18.0	203.0	61.9	98
26.5	240.0	73.2	87