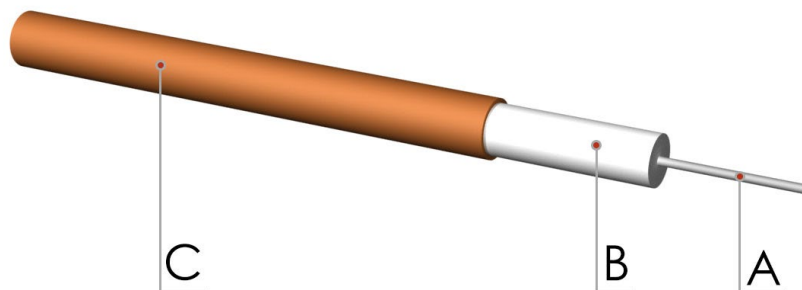


DATASHEET**FEATURES:**

- High temperature
- Non-magnetic conductors
- Special applications

**Construction**

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	1.63 mm (0.064 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	3.00 mm (0.118 in)	-
C Outer Conductor	BC (Bare Copper)	3.58 mm (0.141 in)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	25 Ω (± 2)
Operating Frequency	dc - 20 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	190.4 pF/m
Operating Temperature	-55 / +125 °C (-67 / 257 °F)
Shield Effectiveness	> 90 dB
Working Voltage	2000 V _{RMS} (max.)
Weight	58 Kg/Km
Min. Bending Radius	12.5 mm (single)

Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.05	16.0	4.9	1570
0.10	18.0	5.5	1140
0.15	20.0	6.1	1020
0.5	34.0	10.4	620
1.0	48.0	14.6	450
3.0	82.0	25.0	329
5.0	115.0	35.1	210
10.0	170.0	51.8	140
18.0	240.0	73.2	66
20.0	257.0	78.4	52