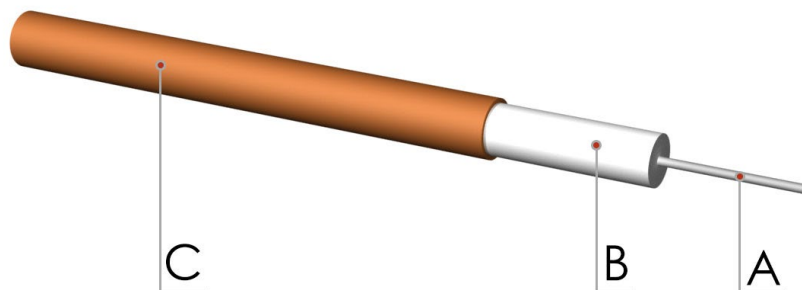


## DATASHEET



### FEATURES:

- High power handling
- 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)	2.96 mm (0.116 in)	-
C Outer Conductor	BC (Bare Copper)	3.56 mm (0.140 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	2000 V <sub>RMS</sub> (max.)
Weight	58 Kg/Km
Min. Bending Radius	8 mm (single)



### Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.05	11.5	3.5	1570
0.10	16.6	5.1	1140
0.15	19.7	6.0	1020
0.5	35.5	10.8	620
1.0	57.0	17.3	450
5.0	138.0	42.0	210
10.0	195.0	59.4	140
18.0	242.4	73.9	66
26.5	306.4	93.4	52