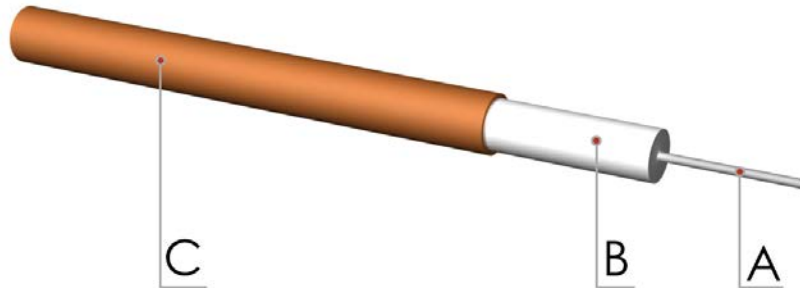


DATASHEET



FEATURES:

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

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)	Teflon®
C Outer Conductor	CU (Bare Copper)	3.56 mm (0.140 in)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	25Ω (±2)
Operating Frequency	dc - 26.5 GHz
Cutoff Frequency	28 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	190 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Shield Effectiveness	> 90 dB
Working Voltage	2100 V _{RMS} (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	3.51	1570
0.10	16.6	5.06	1140
0.15	19.7	6.01	1020
0.5	35.5	10.82	620
1.0	57.0	17.38	450
5.0	138.0	42.07	210
10.0	195.0	59.45	140