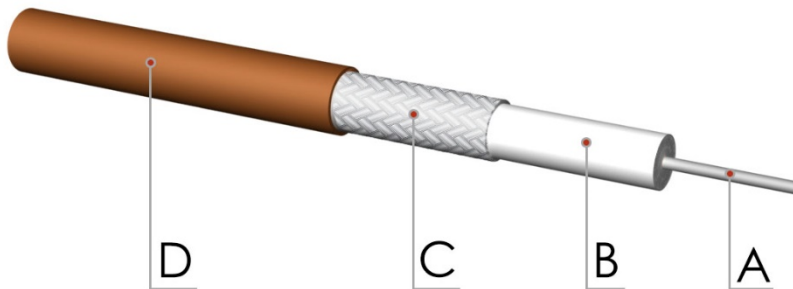


DATASHEET



FEATURES:

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

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	0.56 mm (0.022 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	2.95 mm (0.116 in)	-
C Outer Conductor	TC (Tin Plated Copper)	3.58 mm (0.141 in)	100% Coverage
D Jacket	FEP (Fluorinated Ethylene Propylene)	4.10 mm (0.163 in)	Brown

Electrical & Mechanical Data

Characteristic Impedance	70.7Ω (±2)
Operating Frequency	dc - 18 GHz
Cutoff Frequency	34 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	69 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Shield Effectiveness	> 90 dB
Working Voltage	2000 V _{RMS} (max.)
Weight	45 Kg/Km
Min. Bending Radius	8 mm (single) 40mm (multiple)



Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.2	19.5	5.95	910
0.5	27.0	8.23	510
1.0	40.0	12.20	350
3.0	73.0	22.26	245
5.0	94.0	28.66	150
10.0	140.0	42.68	100
18.0	210.0	64.02	70