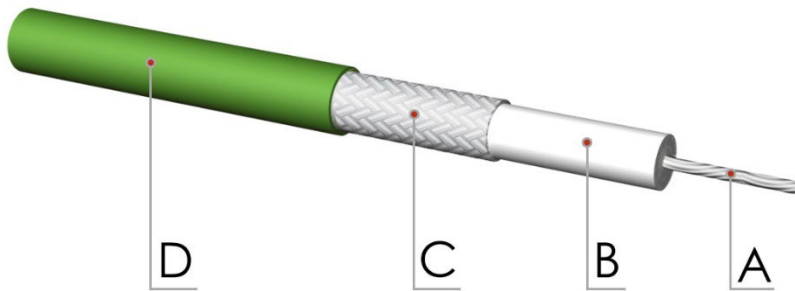


DATASHEET



FEATURES:

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

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	2.28 mm (0.089 in)	Stranded (19 x 0.42 mm)
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	3.13 mm (0.123 in)	-
C Outer Conductor	TDC (Tin Dipped Copper)	3.70 mm (0.146 in)	Braid 100% Coverage
D Jacket	FEP (Fluorinated Ethylene Propylene)	4.35 mm (0.171 in)	Green

Electrical & Mechanical Data

Characteristic Impedance	17Ω (±2)
Operating Frequency	dc - 18 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	280 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Shield Effectiveness	> 90 dB
Working Voltage	1000 V _{RMS} (max.)
Weight	68 Kg/Km
Min. Bending Radius	15 mm (single)



Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.1	30.0	9.15	1200
0.5	63.0	19.21	810
1.0	100.0	30.49	520
2.0	152.0	46.34	455
3.0	187.0	57.01	345
5.0	207.0	63.11	240
10.0	280.0	85.37	115