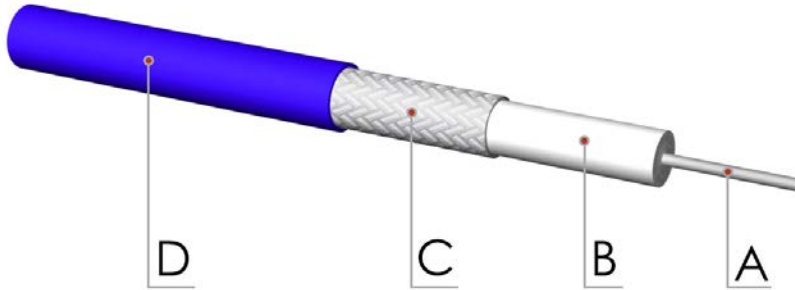


DATASHEET



FEATURES:

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

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	1.44 mm (0.057 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	2.50 mm (0.098 in)	Teflon®
C Outer Conductor	TC (Tin Plated Copper)	3.01 mm (0.119 in)	100% Coverage
D Jacket	FEP (Fluorinated Ethylene Propylene)	3.60 mm (0.142 in)	Blue

Electrical & Mechanical Data

Characteristic Impedance	25Ω (±2)
Operating Frequency	dc - 20 GHz
Cutoff Frequency	33 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	193 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Shield Effectiveness	> 90 dB
Working Voltage	1800 V _{RMS} (max.)
Weight	51 Kg/Km
Min. Bending Radius	12 mm (single)



Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.05	12.2	3.72	1390
0.10	17.8	5.43	1010
0.15	21.5	6.55	890
0.5	38.0	11.59	505
1.0	60.0	18.29	400
5.0	150.0	45.73	179
10.0	217.0	66.16	118