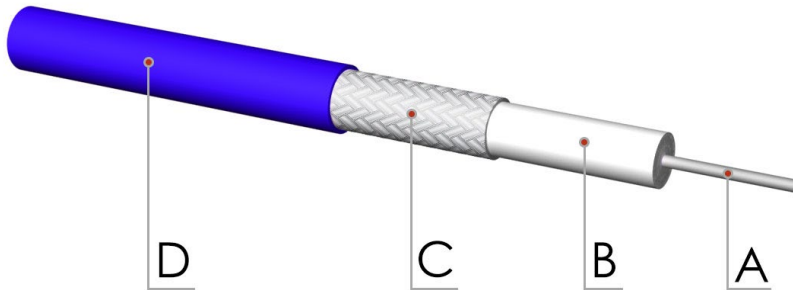


DATASHEET



FEATURES:

- High power handling
- High temperature
- Easy to bend
- Non-magnetic conductors

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	0.95 mm (0.037 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)	4.14 mm (0.163 in)	Blue

Electrical & Mechanical Data

Characteristic Impedance	50Ω (±2)
Operating Frequency	dc – 26.5 GHz
Cutoff Frequency	33 GHz
Velocity of Propagation	69.5%
Signal Delay	4.7 ns/m
Capacitance	92 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Shield Effectiveness	> 100 dB (up to 18 GHz)
Working Voltage	1900 V _{RMS} (max.)
Weight	44 Kg/Km
Min. Bending Radius	13 mm (single)



Attenuation & Power Handling

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.1	12.0	3.66	1300
0.5	27.0	8.23	600
1.0	40.0	12.20	420
3.0	73.0	22.26	305
5.0	99.0	30.18	190
10.0	152.0	46.34	130
15.0	197.0	60.06	108
18.0	223.0	67.99	100
26.5	290.0	88.41	80