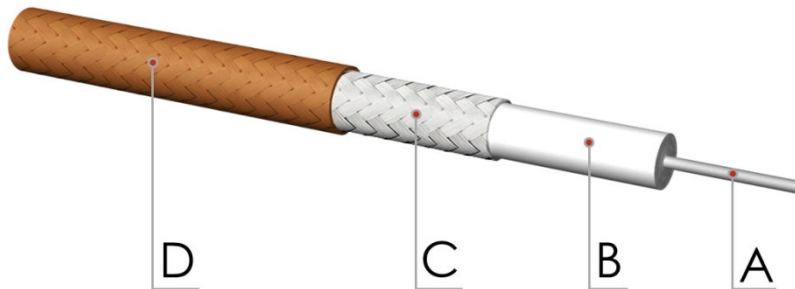


DATASHEET



FEATURES:

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

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	0.93 mm (0.037 in)	Solid core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	1.50 mm (0.059 in)	Teflon®
C Outer Conductor	SPC (Silver Plated Copper)	1.98 mm (0.078 in)	95% Coverage 80x0.10 (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	2.50 mm (0,098 in)	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	25Ω (±2)
Operating Frequency	dc - 8 GHz
Cutoff Frequency	50 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	206 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Working Voltage	1000 V _{RMS} (max.)
Weight	16.3 Kg/Km
Min. Bending Radius	10 mm (single), 20 mm (multiple)



Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	10.3	3.14	1450
30	18.7	5.70	880
50	24.0	7.32	690
100	35.0	10.67	490
150	42.0	12.80	410
500	86.0	26.22	250
1000	126.0	38.41	170
2000	202.0	61.59	128
3000	250.0	76.22	106