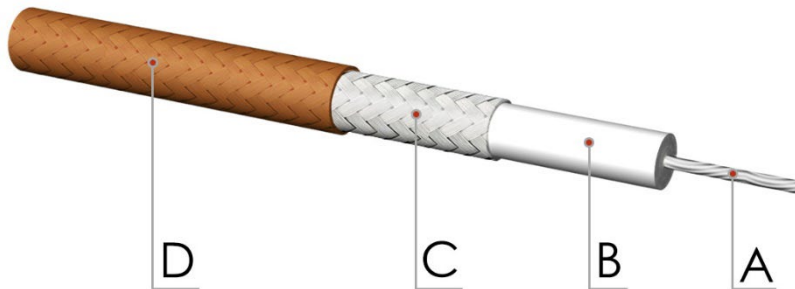


DATASHEET



FEATURES:

- High temperature
- High flexibility
- Miniature size
- Non-magnetic conductors

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	0.31 mm (0.012 in)	Stranded (7 x 0.10 mm)
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	0.86 mm (0.034 in)	-
C Outer Conductor	SPC (Silver Plated Copper)	1.30 mm (0.051 in)	48x0.10 (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	1.80 mm (0,071 in)	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	50Ω (±2)
Operating Frequency	dc - 3 GHz
Velocity of Propagation	70%
Signal Delay	4.82 ns/m
Capacitance	100 pF/m
Operating Temperature	-55 / +200 °C (-67 / 392 °F)
Working Voltage	750 V _{RMS} (max.)
Weight	8.4 Kg/Km
Min. Bending Radius	10 mm (single), 27 mm (multiple)



Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
50	42.0	2.8	255
100	53.0	6.2	185
150	57.0	17.4	134
450	103.0	31.4	78
1000	165.0	50.3	53
2400	265.0	80.8	34
3000	300.0	91.5	30