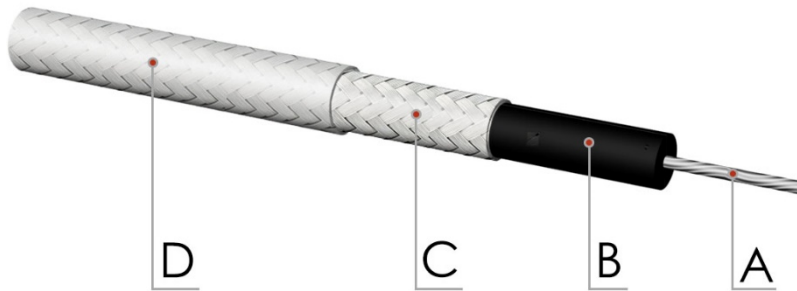


DATASHEET



FEATURES:

- High temperature
- High flexibility
- Non-magnetic conductors

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	1.00 mm (0.039 in)	Stranded (19 x 0.19 mm)
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	1.56 mm (0.061 in)	Black
C Outer Conductor	SPC (Silver Plated Copper)	1.98 mm (0.078 in)	95% Coverage
D Jacket	FEP (Fluorinated Ethylene Propylene)	2.38 mm (0.094 in)	Clear

Electrical & Mechanical Data

Characteristic Impedance	20Ω (±2)
Operating Frequency	dc - 3 GHz
Cutoff Frequency	50 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	220 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Working Voltage	800 V _{RMS} (max.)
Weight	19.5 Kg/Km
Min. Bending Radius	9 mm (single), 25 mm (multiple)

Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	11.9	3.63	880
30	22.0	6.71	530
50	26.8	8.17	409
100	47.2	14.39	336
150	54.0	16.46	270
500	110.0	33.54	130
1000	167.0	50.91	79
2000	255.0	77.74	69
3000	337.0	102.74	50