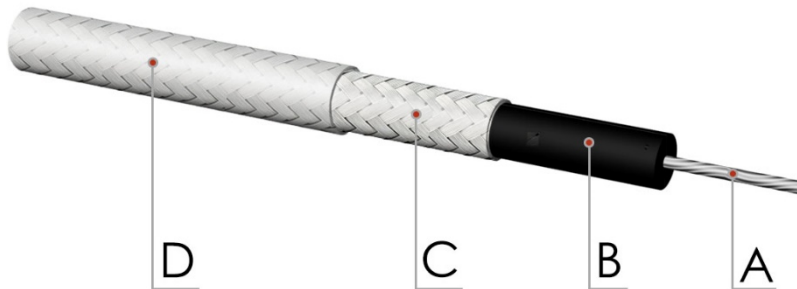


## DATASHEET



### FEATURES:

- High temperature
- High flexibility
- Non-magnetic conductors

### Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	1.28 mm (0.050 in)	Stranded (19 x 0.30 mm)
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	1.82 mm (0.072 in)	Black
C Outer Conductor	SPC (Silver Plated Copper)	2.25 mm (0.089 in)	95% Coverage 83x0.08 (Braid)
D Jacket	FEP (Fluorinated Ethylene Propylene)	2.70 mm (0,106 in)	Clear

### Electrical & Mechanical Data

Characteristic Impedance	15Ω (±2)
Operating Frequency	dc - 3 GHz
Cutoff Frequency	42 GHz
Velocity of Propagation	70%
Signal Delay	4.7 ns/m
Capacitance	302 pF/m
Operating Temperature	-65 / +165 °C (-85 / 329 °F)
Working Voltage	800 V <sub>RMS</sub> (max.)
Weight	23 Kg/Km
Min. Bending Radius	10 mm (single), 25 mm (multiple)

### Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	10.9	3.32	980
30	19.7	6.01	610
50	24.8	7.56	475
100	43.5	13.26	380
150	49.2	15.00	305
500	105.0	32.01	155
1000	159.0	48.48	94
2000	240.0	73.17	80
3000	319.0	97.26	62