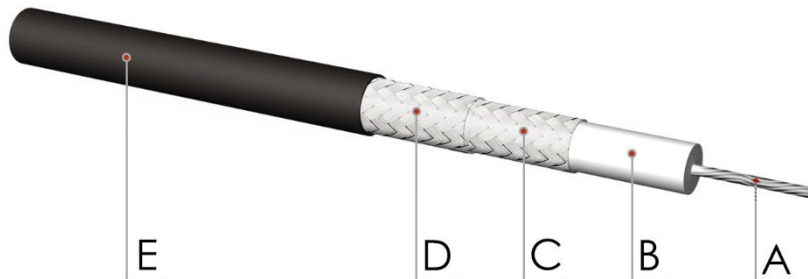


DATASHEET



FEATURES:

- High shielding
- Silver plated conductors
- Moderate attenuation
- Non-magnetic conductors
- MIL-C-17 Style

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	SPC (Silver Plated Copper)	2.30 mm (0.091 in)	Stranded (7 x 0.75 mm)
B Dielectric	PE (Polyethylene)	7.25 mm (0.285 in)	
C Outer Conductor	SPC (Silver Plated Copper)	8.00 mm (0.315 in)	95% Coverage 144x0.15 (Braid)
D Outer Conductor	SPC (Silver Plated Copper)	8.70 mm (0.343 in)	97% Coverage 168x0.15 (Braid)
E Jacket	PE (Polyethylene)	10.80 mm (0.425 in)	Black

Electrical & Mechanical Data

Characteristic Impedance	50Ω (±2)
Operating Frequency	dc - 6 GHz
Velocity of Propagation	66%
Signal Delay	5 ns/m
Capacitance	105 pF/m (±5)
Operating Temperature	-20 / +80 °C (-40 / 176 °F)
Shield Effectiveness	> 70 dB
Working Voltage	5000 V _{RMS} (max.)
Weight	19 Kg/100 m
Min. Bending Radius	55 mm (single), 108 mm (multiple)



Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
50	4.5	1.37	1450
100	6.5	1.98	1024
150	8.5	2.59	835
450	18.2	5.55	584
1000	28.0	8.54	337
2400	48.0	14.63	212
5500	78.3	23.87	138