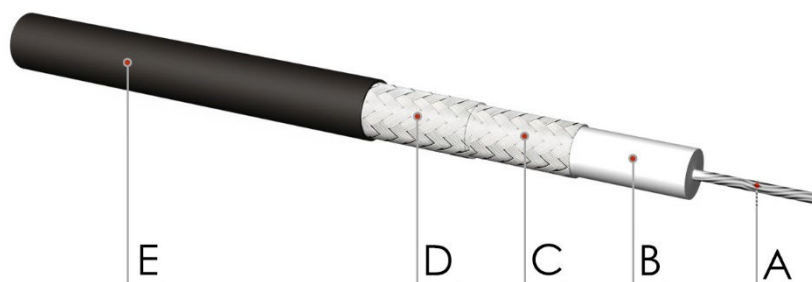


DATASHEET**FEATURES:**

- High shielding
- RF and data transmission applications
- MIL-C-17F

**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)	96% Coverage 144x0.16 (Braid)
D Outer Conductor	SPC (Silver Plated Copper)	8.70 mm (0.343 in)	98% Coverage 168x0.16 (Braid)
E Jacket	PVC (Polyvinyl Chloride)	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	100 pF/m
Operating Temperature	-30 / +70 °C (-22 / 158 °F)
Shield Effectiveness	> 78 dB
Working Voltage	5000 V _{RMS} (max.)
Weight	20.73 Kg/100 m
Min. Bending Radius	55 mm (single), 108 mm (multiple)

Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation (dB/100m) (dB/100ft)		Average max Power (W)
10	1.9	0.6	2000
30	3.5	1.1	1155
50	4.5	1.4	894
150	8.5	2.6	516
450	15.4	4.7	298
800	21.3	6.5	224
1000	24.3	7.4	200
1500	31.7	9.7	163
2000	38.3	11.7	141
2500	44.7	13.6	126
3000	51.3	15.6	115
5200	79.9	24.4	88
5800	87.0	26.5	83