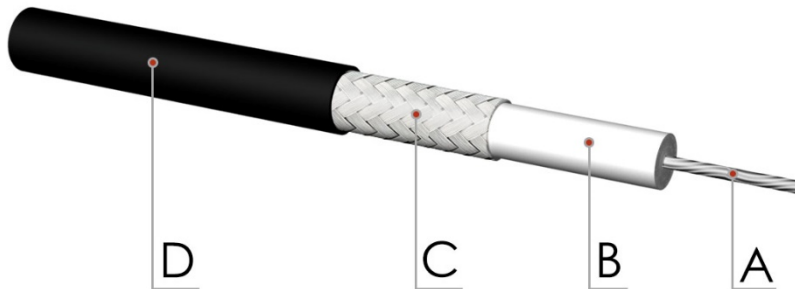


## DATASHEET



### FEATURES:

- For General Purpose Applications
- Non-magnetic conductors
- MIL-C-17 Style

### Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	TC (Tinned Copper)	0.90 mm (0.035 in)	Stranded (19 x 0.18 mm)
B Dielectric	PE (Polyethylene)	2.95 mm (0.116 in)	-
C Outer Conductor	TC (Tinned Copper)	3.50 mm (0.138 in)	95% Coverage 112x0.12 (Braid)
D Jacket	PVC (Poly Vinyl Chloride)	4.95 mm (0,195 in)	Black

### Electrical & Mechanical Data

Characteristic Impedance	50Ω (±2)
Operating Frequency	dc - 3 GHz
Cutoff Frequency	32 GHz
Velocity of Propagation	66%
Signal Delay	5 ns/m
Capacitance	101 pF/m
Operating Temperature	-25 / +80 °C (-13 / 176 °F)
Shield Effectiveness	> 45 dB @ 300 MHz
Working Voltage	1500 V <sub>RMS</sub> (max.)
Weight	39 Kg/Km
Min. Bending Radius	25 mm (single), 60 mm (multiple)



### Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	4.7	1.4	950
30	8.0	2.4	680
50	10.6	3.2	450
100	15.7	4.8	300
150	19.2	5.9	250
450	36.8	11.2	150
1000	58.0	17.7	95
2000	85.0	25.9	69
3000	117.0	35.7	50