

DM17 / 93-RG178

CONSTRUCTION SPECIFICATIONS

Component	Material	O.D(nom)	
		inches	mm
Conductor	Silver-Coated Covered Steel	0.012	0.30
Dielectric	PTFE	0.063	0.84
Shield	38AWG Silver-Coated Copper Braid	0.051	1.30
Jacket	FEP	0.071	1.80

ELECTRICAL & MECHANICAL SPECIFICATIONS

Impedance 50	50±2 ohms	
Capacitance	29.4 pF/ft	96.5 pF/m
Max Oper. Voltage(VRMS)	1,000 vrms	
Velocity of Propagation(%)	69.5 %	
Temperature Range	-67/+392 (°F)	-55/+200 (°C)
Test Frequency	0.05-3 GHz	
Weight	0.006 lb/ft	0.009 kg/m
Max. Frequency	3,000 MHz	
Resist. Loss	1.365	
Dielectric Loss Range	0.0012	

ATTENUATION

FREQUENCY(MHz)	dB/100FT.	dB/100M
100	13.8	45.28
400	27.8	91.21
1000	44.4	145.67
3000	78.4	257.22
5000	-	-
11000	-	-