

DM17 / 152 - 0001

CONSTRUCTION SPECIFICATIONS

Component	Material	O.D(nom)	
		inches	mm
Conductor	Silver-Coated Covered Steel	0.0201	0.51
Dielectric	PTFE	0.060	1.52
Shield 1th	38AWG Silver-Coated Copper Braid	0.096	2.44
Shield 2th	38AWG Silver-Coated Copper Braid		
Jacket	FEP	0.114	2.90

ELECTRICAL & MECHANICAL SPECIFICATIONS

Impedance 50	50±2 ohms	
Capacitance	29.4 pF/ft	96.5 pF/m
Max Oper. Voltage(VRMS)	1,200 vrms	
Velocity of Propagation(%)	69.5 %	
Temperature Range	-67/+392 (°F)	-55/+200 (°C)
Test Frequency	0.5-12.4 GHz	
Weight	0.0185 lb/ft	0.028 kg/m
Max. Frequency	12400 MHz	
Resist. Loss	0.787	
Dielectric Loss Range	0.0012	

ATTENUATION

FREQUENCY(MHz)	dB/100FT.	dB/100M
100	8.0	26.25
400	16.2	53.15
1000	26.1	85.63
3000	46.7	153.22
5000	61.6	202.10
11000	95.7	313.98