

DM17 / 60-RG142

CONSTRUCTION SPECIFICATIONS

Component	Material	O.D(nom)	
		inches	mm
Conductor	Silver-Coated Covered Steel	0.037	0.94
Dielectric	PTFE	0.116	2.95
Shield	1th 38AWG Silver-Coated Copper Braid	0.162	4.11
	2th 38AWG Silver-Coated Copper Braid		
Jacket	FEP	0.195	4.95

ELECTRICAL & MECHANICAL SPECIFICATIONS

Impedance 50	50±2 ohms	
Capacitance	29.4 pF/ft	96.5 pF/m
Max Oper. Voltage(VRMS)	1,900 vrms	
Velocity of Propagation(%)	69.5 %	
Temperature Range	-67/+392 (°F)	-55/+200 (°C)
Test Frequency	0.05 – 8 GHz	
Weight	0.0043 lb/ft	0.064 kg/m
Max. Frequency	8,000 MHz	
Resist. Loss	0.368	
Dielectric Loss Range	0.0012	

ATTENUATION

FREQUENCY(MHz)	dB/100FT.	dB/100M
100	3.8	12.47
400	7.8	25.59
1000	12.8	41.99
3000	23.8	78.08
5000	32.0	107.99
11000	-	-