

DM17 / 113-RG316

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	38AWG Silver-Coated Copper Braid	0.078	1.98
Jacket	FEP	0.098	2.49

ELECTRICAL & MECHANICAL SPECIFICATIONS

Impedance 50	50±2 ohms	
Capacitance	29.4 pF/ft	96.5pF/m
Max Oper. Voltage(VRMS)	1,200 vrms	
Velocity of Propagation(%)	69.5 %	
Temperature Range	-67/+392 (°F)	-55/+200 (°C)
Test Frequency	0.05-3 GHz	
Weight	0.012 lb/ft	0.018 kg/m
Max. Frequency	3000MHz	
Resist. Loss	0.787	
Dielectric Loss Range	0.0012	

ATTENUATION

FREQUENCY(MHz)	dB/100FT.	dB/100M
100	8.1	26.57
400	16.5	54.15
1000	26.1	153.22
3000	46.7	-
5000	-	-
11000	-	-