

# DM17 / 172 - 00001

## 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	96.5 pF/m
Max Oper. Voltage(VRMS)	1,200 vrms	-40/+85
Velocity of Propagation(%)	69.5 %	
Temperature Range	-67/+392 (oF)	-55/+200 (°C)
Test Frequency	400 MHz	
Weight	0.012 lb/ft	0.017 kg/m
Max. Frequency	400 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	-	-
5000	-	-
11000	-	-