

# DM17 / 133-RG405

## CONSTRUCTION SPECIFICATIONS

Component	Material	O.D(nom)	
		inches	mm
Conductor	Silver-Coated Covered Steel	0.021	0.51
Dielectric	PTFE	0.065	1.68
Shield	38AWG Silver-Coated Copper Braid	0.0865	2.20
Jacket	FEP	-	-

## ELECTRICAL & MECHANICAL SPECIFICATIONS

Impedance 50	50±1.5ohms	
Capacitance	29.4 pF/ft	96.5pF/m
Max Oper. Voltage(VRMS)	1,500 vrms	
Velocity of Propagation(%)	69.5 %	
Temperature Range	-40/+257 (°F)	-40/+125 (°C)
Test Frequency	0.5-20 GHz	
Weight	0.0153 lb/ft	0.023 kg/m
Max. Frequency	20000 MHz	
Resist. Loss	0.569	
Dielectric Loss Range	0.0012	

## ATTENUATION

FREQUENCY(MHz)	dB/100FT.	dB/100M
100	5.8	19.03
400	13.3	43.64
1000	19.2	62.99
3000	34.8	114.17
5000	46.2	151.57
11000	72.9	239.17