

# DM17 / 128-RG400

## CONSTRUCTION SPECIFICATIONS

Component	Material	O.D(nom)	
		inches	mm
Conductor	Silver-Coated Covered Steel	0.0384	0.98
Dielectric	PTFE	0.116	2.95
Shield	38AWG Silver-Coated Copper Braid	0.162	4.11
Jacket	FEP	0.195	4.95

## ELECTRICAL & MECHANICAL SPECIFICATIONS

Impedance 50	50±2 ohms	
Capacitance	29.4 pF/ft	96.5pF/m
Max Oper. Voltage(VRMS)	1,900 vrms	
Velocity of Propagation(%)	69.5 %	
Temperature Range	-67/+392 (°F)	-55/+200 (°C)
Test Frequency	0.5-12.4 GHz	
Weight	0.050 lb/ft	0.074kg/m
Max. Frequency	12400MHz	
Resist. Loss	0.426	
Dielectric Loss Range	0.0012	

## ATTENUATION

FREQUENCY(MHz)	dB/100FT.	dB/100M
100	4.4	14.44
400	9.0	25.93
1000	14.7	48.23
3000	26.9	88.25
5000	36.1	118.44
11000	57.9	189.96