

MARLOW

Data Sheet

Coaxial Cable: RG-174U



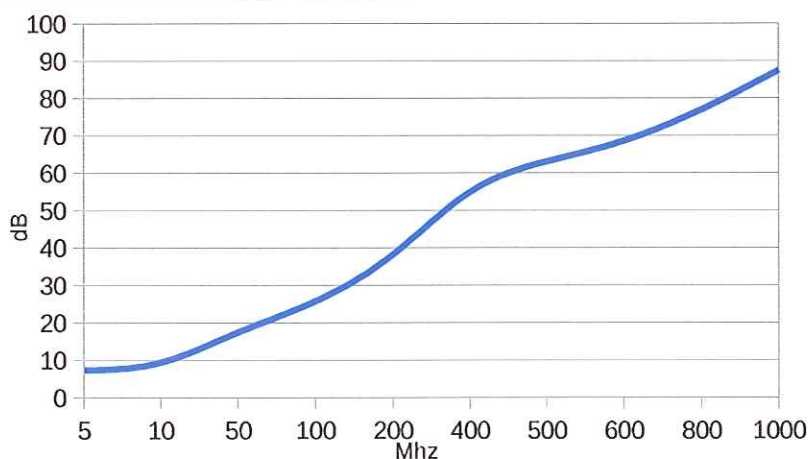
Description: Single braid Flexible coaxial cable MIL-C-17

Cable Configuration				
				
	Conductor	Dielectric	Shield	Jacket
Diameter $\varnothing$	7x0.16mm	1.50 mm	1.90 mm	2.50 mm +/- 0.13mm
Material	Cu	PE	Cu/Tin	PVC
Notes	Stranded		Braid 88% coverage	RAL 9004

Mechanical Data	
Weight	10.6 Kg/Km.
Min bending radius (static/repeated max 50)	15/25 mm

Electrical Data		
Impedance	50 Ω	+/- 2 Ω
Capacitance	100 pF/m	
Max Frequency	~ 1 Ghz	
Velocity of propagation	66 %	
Shield effectiveness	> 38 dB (up to 3 GHz)	
Spark Test	2kV	
Inner/Shield Ω	282 Ω /km / 39 Ω /km	

Nominal Attenuation	
Frequency (GHz)	Attenuation (db/100m)
5	7,40
10	9,50
50	17,50
100	25,80
200	38,20
400	54,90
500	63,10
800	77,00
1000	87,5



CommTes Srl, we offer a full cable assembly services, testing up to 26ghz and Value-added services include: booting/heat shrink, labeling.