

**Bulk Cable Specification**

**MTCAD00003-1000F Coaxial Cable**

MODEL	PRIMARY PACKAGING	SECONDARY PACKAGING	LENGTH
MTCAD00003-1000F	SPOOL	NO	1000 FT.



Cable Specification		
Inner conductor	Diameter	0.643 ±0.02mm
	Material	Bare Copper Covered Steel
Dielectric	Diameter	3.7 ±0.08mm
	Material	Polyolefin
	Braid	Wire Dia.: 0.12mm
		Mesh: 5 ×24
		Coverage: 95%
Material: Bare Copper		
Jacket	O.D.	6.0 ±0.15mm
	Material	PVC
	Color	RED
Marking	RG59B/U 75 ohm COAXIAL CABLE WWW.L-COM.COM	
Characteristics		
Min.bending radius	63.5mm	
Tensile strength	47.2kg	
Impedance	73 ±3 Ω	
Insulation resistance @20 °C	100 M Ω/km	
Dielectric strength	500 Vac/1 MIN	
Inner conductor DC resistance @20 °C	163.8 Ω/KM	
Outer conductor DC resistance @20 °C	13.4 Ω/KM	
Velocity of propagation	83%	
Cutoff frequency	1GHz	
Voltage withstand	DC 2500V	
Capacitance	53pF/m	
Operating Temp	80 °C	
Attenuation		
Frequency (MHz)	Attenuation (dB/100m)	
10	4.3	
100	11.0	
200	16.0	
400	23.0	
700	31.0	