

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	