



Multicom Welded Messenger Trunk Cable

Product Specifications

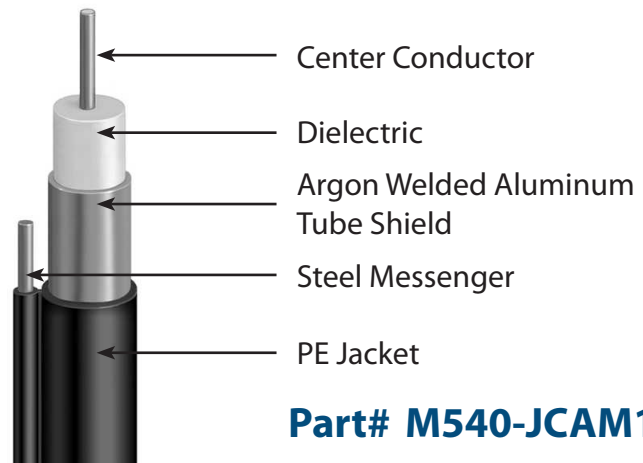
Category	Material	Diameter
Center Conductor	Copper Clad Aluminum	0.124 inches (3.15mm)
Dielectric	Micro-cellular foam PE	0.514 inches (13.03mm)
Outer Conductor	Argon welded aluminum	0.540 inches (13.72mm)
Jacket	Polyethylene	0.618 inches (15.49mm)
Messenger	Steel Messenger	0.109 inches (2.77mm)
Characteristic	Specification	
Messenger Break Strength	1800 lbs (8007kgs)	
Min. Bend Radius	6.5 inches (165mm)	
Max. Pulling Tension	220 lbs (100kgs)	
Nominal Impedence	75 ±2 Ohms	
Capacitance	50 ±3pF/m	
Velocity of Propagation	87% Nominal	
DC Breakdown Voltage	5 kV	
DC Loop Resistance	5.4 Ohms/km	

Attenuation at 68°F (20°C)

M540-JCAM109W		
Frequency	db/100 Ft.	db/100 M.
5 MHz	0.14	0.46
55 MHz	0.47	1.54
83 MHz	0.58	1.90
211 MHz	0.95	3.12
250 MHz	1.03	3.38
300 MHz	1.13	3.71
350 MHz	1.23	4.03
400 MHz	1.32	4.33
450 MHz	1.40	4.60
550 MHz	1.56	5.12
600 MHz	1.64	5.38
750 MHz	1.85	5.56
865 MHz	2.00	6.07
1000 MHz	2.17	7.12



Multicom's Trunk Cable is manufactured in an ISO 9001 Certified facility and has specifications that exceed industry standards - with low attenuation and inherent strength. Its proven performance and reliability make it the right choice for distribution applications.



Part# M540-JCAM109W

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