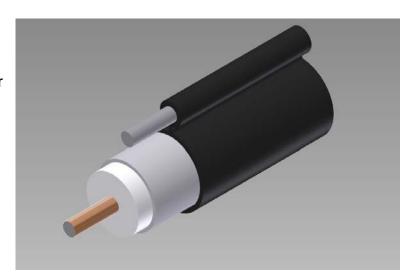


## TFC Coaxial Cable Product Information Sheet Type: T10750MS / 109 MESS

750 Series Coaxial Cable
Copper Clad Aluminum Conductor
Foamed Polyethylene Dielectric
Seamless Aluminum Tube Outer Conductor
Medium Density Polyethylene Jacket
0.109" Galvanized Steel Messenger



Cable Ordering Information

Part Number	Desc	NEC / CSA Listing
750750MS00BK07000001	T10750MS / 109	n/a

## Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.166	4.22
Dielectric	Foamed Polyethylene	0.678	17.2
Outer Conductor	Seamless Aluminum Tube	0.750	19.1
Floodant			
Jacket	Polyethylene, Outdoor, Black	0.820	20.8
Messenger	Galvanized Steel	0.109	2.77
Cable Width		1.125	28.6
Mechanical Specifications			
Minimum Bend Radius, in. (mm)		7.0	( 178)
Product Weight, lbs/kft (kg/km)	(less reel)	273	( 406)

Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.

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## TFC Coaxial Cable Product Information Sheet Type: T10750MS / 109 MESS

Electrical Specifications		
Impedance, $\Omega$	75	± 2
Velocity of Propagation, %	8	7
Capacitance, Nominal	15.6 pF/ft	51.2 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / km
Inner Conductor	0.58	1.90
Outer Conductor	0.17	0.56
Loop	0.75	2.46

Attenuation, Maximum @ 68 °F	(20 °C)	
Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.11	0.36
55	0.37	1.21
211	0.73	2.41
250	0.81	2.65
270	0.84	2.76
300	0.89	2.92
330	0.94	3.08
350	0.97	3.18
400	1.05	3.44
450	1.12	3.67
500	1.18	3.87
550	1.25	4.10
600	1.31	4.30
750	1.48	4.86
870	1.61	5.28
1000	1.74	5.71

Notes:			

Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.

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