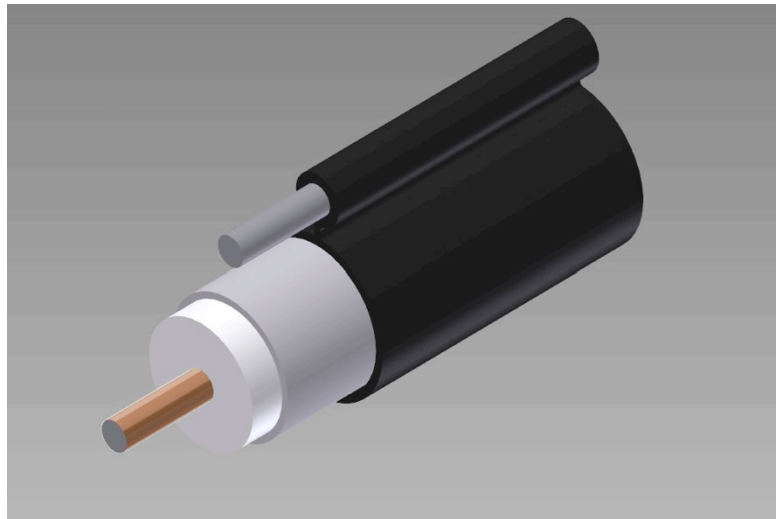




TFC Coaxial Cable Product Information Sheet

Type: T10750MS / 188 MESS

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



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
750750MS00BK11000001	T10750MS / 188 MESS	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	0.188	6.35
Cable Width	---	1.215	30.9

Mechanical Specifications

Minimum Bend Radius, in. (mm)		7.0	(178)
Product Weight, lbs/kft (kg/km)	(less reel)	303	(451)

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.

Times Fiber Communications, Inc.
 358 Hall Avenue
 Wallingford, CT 06492
 Toll Free +1-800-677-2288
 Toll +1-434-432-1800
 Fax +1-434-432-1821
www.timesfiber.com

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Type: T10750MS / 188 MESS

Electrical Specifications		
Impedance, Ω	75 ± 2	
Velocity of Propagation, %	87	
Capacitance, Nominal	15.6 pF/ft	51.2 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	0.58	1.90
Outer Conductor	0.17	0.56
Loop	0.75	2.46

Notes:

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

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