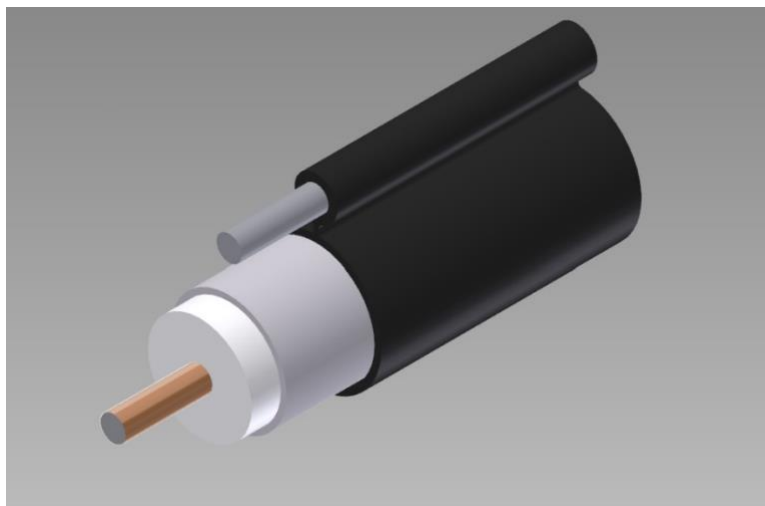




ABS Coaxial Cable Product Type: TX10700MS

700 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
750700MS00BK11000001	TX10700MS / 188 MESS	n/a

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.163	4.14
Dielectric	Foamed Polyethylene	0.653	16.6
Outer Conductor	Seamless Aluminum Tube	0.703	17.9
Floodant	---	---	---
Jacket	Polyethylene, Outdoor, Black	0.765	19.4
Messenger	Galvanized Steel	0.188	4.78
Cable Width	---	1.160	29.5

Mechanical Specifications

Minimum Bend Radius, in. (mm)		6.5	(165)
Product Weight, lbs/kft (kg/km)	(less reel)	249	(370)

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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Electrical Specifications

Impedance, Ω	75 $\pm$ 2	
Velocity of Propagation, %	89	
Capacitance, Nominal	15.2 pF/ft	49.9 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	0.60	1.97
Outer Conductor	0.25	0.82
Loop	0.85	2.79
Structural Return Loss, minimum	dB	
5~1002 MHz	30	

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	0.74	2.43
250	0.82	2.69
270	0.85	2.79
300	0.90	2.95
330	0.95	3.11
350	0.98	3.21
400	1.05	3.44
450	1.12	3.67
500	1.19	3.90
550	1.25	4.10
600	1.31	4.30
750	1.49	4.89
870	1.62	5.31
1002	1.75	5.74
1100	1.88	6.16
1200	1.95	6.40
1218	1.96	6.43
1300	2.06	6.76
1400	2.16	7.05
1500	2.24	7.35
1600	2.32	7.61
1700	2.41	7.91
1794	2.48	8.14
1800	2.49	8.17

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