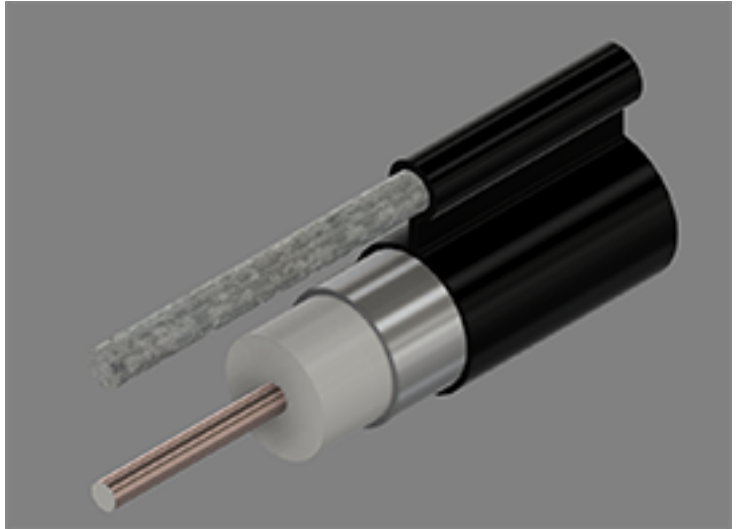


565 Series Coaxial Cable
 Copper Clad Aluminum Conductor
 Foamed Polyethylene Dielectric
 Seamless Aluminum Tube Outer Conductor
 Medium Density Polyethylene Jacket
 0.188" Galvanized Steel Messenger



Cable Ordering Information

Part Number	Description	NEC / CE Listing
750565MS00BK11000001	TX10565MS / 188 MESS	

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.129	3.28
Dielectric	Foamed Polyethylene	0.519	13.2
Outer Conductor	Seamless Aluminum Tube	0.565	14.4
Floodant	---	---	---
Jacket	Polyethylene, Outdoor, Black	0.625	15.9
Messenger	Galvanized Steel	0.188	4.78
Cable Width	---	1.060	26.9
	---	---	---
	---	---	---

Mechanical Specifications

Minimum Bend Radius, in. (mm)		5.1	(130)
Product Weight	(less reel)	204	(304)

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	0.96	3.15
Outer Conductor	0.34	1.12
Loop	1.30	4.27

Structural Return Loss

MHz		dB
	5-1002	-30

Attenuation, Maximum @ 68 °F (20 °C)

Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.14	0.46
55	0.47	1.54
85	0.59	1.94
211	0.93	3.05
250	1.03	3.38
270	1.07	3.51
300	1.13	3.71
330	1.19	3.90
350	1.23	4.04
400	1.32	4.33
450	1.40	4.59
500	1.49	4.89
550	1.56	5.12
600	1.64	5.38
750	1.85	6.07
870	2.01	6.59
1002	2.17	7.12
1100	2.29	7.51
1200	2.40	7.87
1218	2.41	7.91
1300	2.51	8.23
1400	2.62	8.60
1625	2.72	8.92
1600	2.92	9.58
1700	2.92	9.58
1794	3.01	9.88
1800	3.02	9.91
2000	3.20	10.50
2200	3.38	11.09
2400	3.56	11.68
2600	3.72	12.20
2800	3.89	12.76
3000	4.05	13.29

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