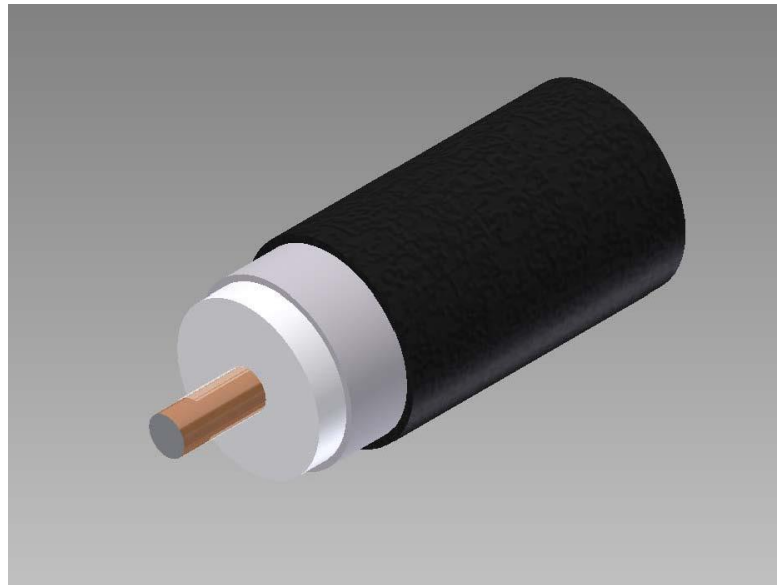


875 Series Coaxial Cable  
Copper Clad Aluminum Conductor  
Foamed Polyethylene Dielectric  
Seamless Aluminum Tube Outer Conductor  
Medium Density Polyethylene Jacket



**Cable Ordering Information**

Part Number	Description	NEC / CSA Listing
750875J000BK00100001	T10875J	n/a

**Characteristics**

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.194	4.93
Dielectric	Foamed Polyethylene	0.797	20.2
Outer Conductor	Seamless Aluminum Tube	0.875	22.2
Floodant	---	---	---
Jacket	Polyethylene, Outdoor, Black	0.945	24.0
Messenger	---	---	---
Cable Width	---	---	---

**Mechanical Specifications**

Minimum Bend Radius, in. (mm)		7.0	( 178)
Product Weight, lbs/kft (kg/km)	(less reel)	256	( 381)

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, $\Omega$	75 $\pm$ 2	
Velocity of Propagation, %	87	
Capacitance, Nominal	15.3 pF/ft	50.2 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / km
Inner Conductor	0.42	1.38
Outer Conductor	0.13	0.43
Loop	0.55	1.81
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	0.73	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
1100	1.84	6.33
1200	1.93	6.33
1218	1.94	6.36
1300	2.01	6.59
1400	2.10	6.89
1500	2.18	7.15
1600	2.26	7.41
1700	2.34	7.68
1794	2.42	7.94
1800	2.43	7.97

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