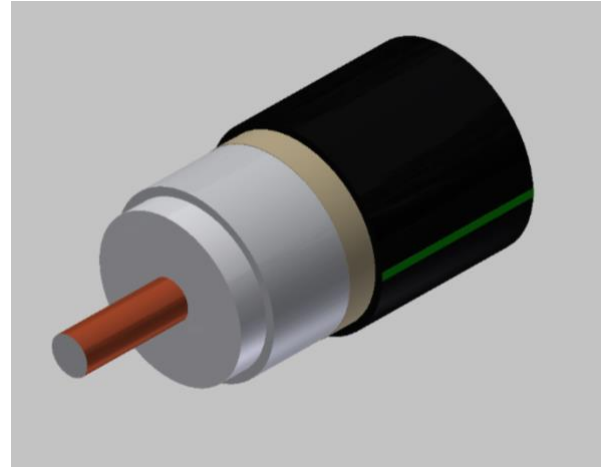




ABS Coaxial Cable Product Type: T10875JVI / GNGN (AA)

875 Series Coaxial Cable

Copper Clad Aluminum Conductor
Foamed Polyethylene Dielectric
Seamless Aluminum Tube Outer Conductor
Medium Density Polyethylene Jacket w/ Rodent Repel™
Animal Aversive Additive
Two Green Tracer Stripes



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
750875JT00BK16300001	T10875JVI / GNGN (AA)	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 w/AA, Green Tracer Stripes		
Messenger	---	---	---
Cable Width	---	---	---

Mechanical Specifications

Minimum Bend Radius, in. (mm)	8.0	(203)
Product Weight, lbs/kft (kg/km)	(less reel)	250 (372)

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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ABS Coaxial Cable Product Type: T10875JVI / GNGN (AA)

Electrical Specifications

Impedance, Ω	75 ± 2	
Velocity of Propagation, %	87	
Capacitance, Nominal	15.3 pF/ft	50.2 pF/m
DC Resistance	Ω / kft	Ω / 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	0.09	0.30
55	0.32	1.05
211	0.64	2.09
250	0.70	2.31
270	0.73	2.40
300	0.78	2.56
330	0.82	2.69
350	0.84	2.76
400	0.91	2.99
450	0.97	3.18
500	1.03	3.38
550	1.09	3.58
600	1.14	3.74
750	1.29	4.23
870	1.41	4.63
1002	1.53	5.02
1100	1.61	5.28
1200	1.69	5.54
1218	1.70	5.58
1300	1.76	5.77
1400	1.84	6.04
1500	1.93	6.33
1600	2.00	6.56
1700	2.05	6.73
1794	2.12	6.96
1800	2.13	6.99

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