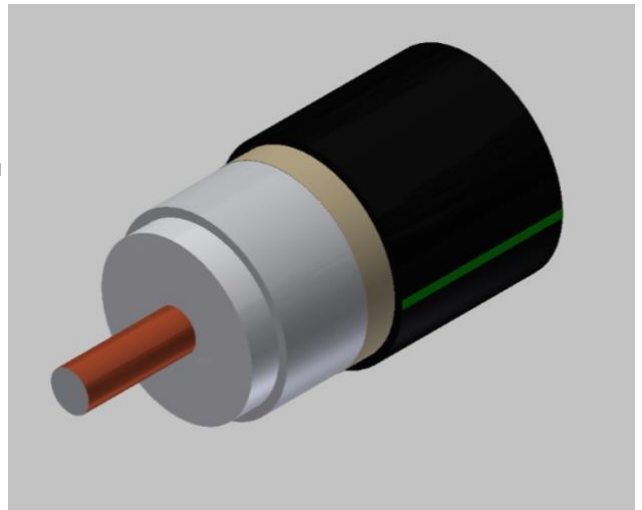


500 Series Coaxial Cable
 Copper Clad Aluminum Conductor
 Foamed Polyethylene Dielectric
 Seamless Aluminum Tube Outer Conductor
 Medium Density Polyethylene Jacket w/RodentRepel™
 Animal Aversive Additive
 Two Green Tracer Stripes



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
750500JT00BK16300001	T10500JVI / GNGN (AA)	n/a

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.109	2.77
Dielectric	Foamed Polyethylene	0.450	11.4
Outer Conductor	Seamless Aluminum Tube	0.500	12.7
Floodant	---	---	---
Jacket	Polyethylene, Outdoor, Black w/AA, Green Tracer Stripes	0.560	14.2
Messenger	---	---	---
Cable Width	---	---	---

Mechanical Specifications

Minimum Bend Radius, in. (mm)		3.5	(89)
Product Weight, lbs/kft (kg/km)	(less reel)	94	(140)

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.

Document: t10500jvi gngn aa_1.8ghz18.docx
 Revision: 11.29.2018
 Page: 1 of 2

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Electrical Specifications		
Impedance, Ω	75 \pm 2	
Velocity of Propagation, %	87	
Capacitance, Nominal	15.6 pF/ft	51.2 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	1.34	4.40
Outer Conductor	0.36	1.18
Loop	1.70	5.58
Structural Return Loss, minimum	dB	
5~1002 MHz	30	

Attenuation, Maximum @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.16	0.52
55	0.55	1.80
211	1.08	3.55
250	1.19	3.92
270	1.24	4.07
300	1.31	4.30
330	1.38	4.54
350	1.43	4.69
400	1.53	5.02
450	1.63	5.35
500	1.73	5.68
550	1.82	5.97
600	1.91	6.27
750	2.16	7.09
870	2.35	7.69
1002	2.53	8.30
1100	2.67	8.76
1200	2.80	9.19
1218	2.82	9.25
1300	2.93	9.61
1400	3.05	10.01
1500	3.17	10.40
1600	3.28	10.76
1700	3.40	11.15
1794	3.50	11.48
1800	3.51	11.52

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Document: t10500jvi gngn aa_1.8ghz18.docx
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