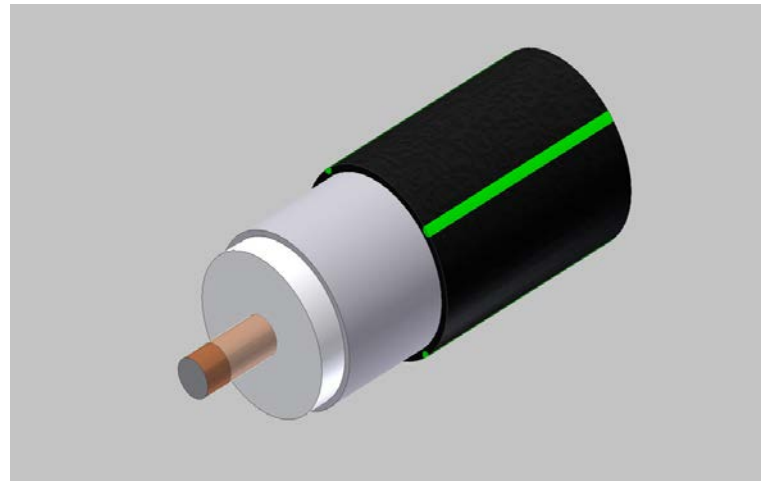




TFC Coaxial Cable Product Information Sheet

Type: T10500JBVI / GNGN (AA)

Series Coaxial Cable
 Copper Clad Aluminum Conductor
 Foamed Polyethylene Dielectric
 Seamless Aluminum Tube Outer Conductor
 Underground Floodant
 Medium Density Polyethylene Jacket
 Visual Indicator Tracer(s) – Green (2X)
 Animal Aversive



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
750500JBT0BK16300001	T10500JBVI / 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	Underground	0.510	---
Jacket	Polyethylene, Outdoor, Black, AA	0.570	14.5
Messenger	---	---	---
Cable Width	---	---	---

Mechanical Specifications

Minimum Bend Radius, in. (mm)		4.0	(102)
Product Weight, lbs/kft (kg/km)	(less reel)	103	(153)

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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TFC Coaxial Cable Product Information Sheet

Type: T10500JBVI / GNGN (AA)

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

Notes:

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
1000	2.53	8.30

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