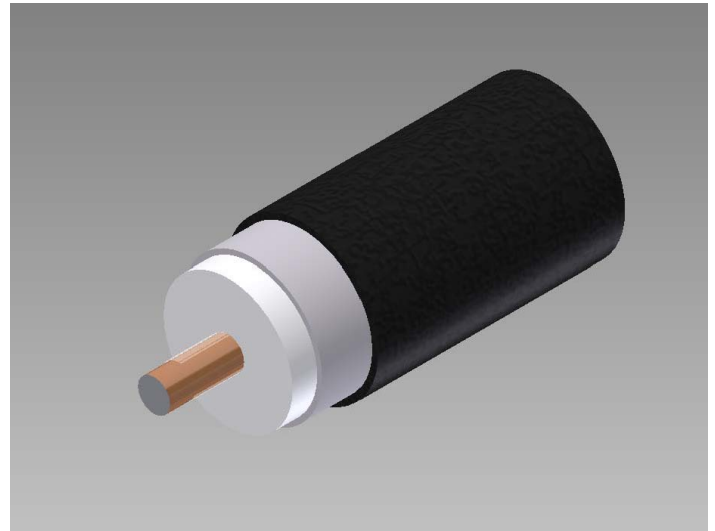


715 Series Coaxial Cable  
 Copper Clad Aluminum Conductor  
 Foamed Polyethylene Dielectric  
 Seamless Aluminum Tube Outer Conductor  
 Underground Floodant  
 Medium Density Polyethylene Jacket



**Cable Ordering Information**

Part Number	Description	NEC / CE Listing
750715JB00BK00100001	TX10715JB	

**Characteristics**

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.166	4.22
Dielectric	Foamed Polyethylene	0.686	17.4
Outer Conductor	Seamless Aluminum Tube	0.715	18.2
Floodant	Underground	---	---
Jacket	Polyethylene, Outdoor, Black	0.785	19.9
Messenger	---	---	---
Cable Width	---	---	---
	---	---	---
	---	---	---

**Mechanical Specifications**

Minimum Bend Radius, in. (mm)		5.0	( 127)
Product Weight	(less reel)	148	( 220)

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: tx10715jb\_3.0ghz19.docx  
 Revision: 2019-09-03  
 Page: 1 of 2

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**Electrical Specifications**

Impedance, $\Omega$	75 $\pm$ 2	
Velocity of Propagation, %	88	
Capacitance, Nominal	15.3 pF/ft	50.0 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / km
Inner Conductor	0.58	1.90
Outer Conductor	0.42	1.38
Loop	1.00	3.28

**Attenuation, Maximum @ 68 °F (20 °C)**

Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.11	0.36
55	0.36	1.18
85	0.47	1.54
211	0.74	2.43
250	0.81	2.66
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	1.19	3.90
550	1.25	4.10
600	1.31	4.30
750	1.49	4.89
870	1.63	5.35
1002	1.75	5.74
1100	1.86	6.10
1200	1.95	6.40
1218	1.96	6.43
1300	2.04	6.69
1400	2.13	6.99
1625	2.22	7.28
1600	2.30	7.55
1700	2.38	7.81
1794	2.46	8.07
1800	2.46	8.07
2000	2.62	8.60
2200	2.77	9.09
2400	2.92	9.58
2600	3.06	10.04
2800	3.20	10.50
3000	3.33	10.93

**Structural Return Loss**

MHz		dB
	5-1002	-30

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Document: tx10715jb\_3.0ghz19.docx  
Revision: 2019-09-03  
Page: 2 of 2

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