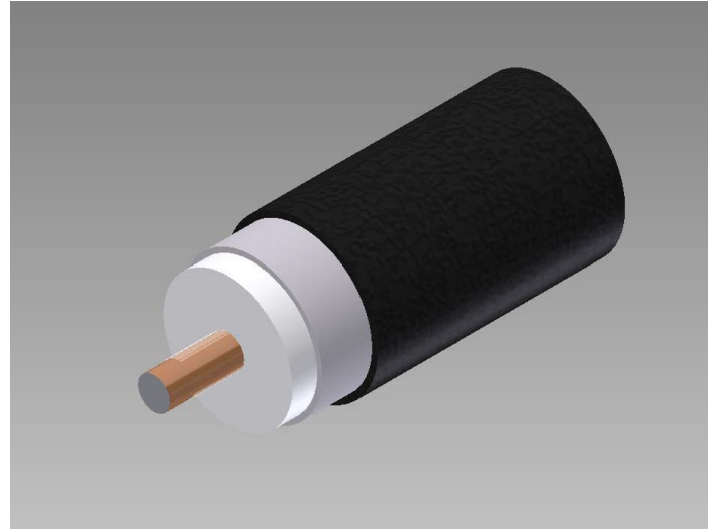




715 Series Coaxial Cable  
Copper Clad Aluminum Conductor  
Foamed Polyethylene Dielectric  
Seamless Aluminum Tube Outer Conductor  
Medium Density Polyethylene Jacket



**Cable Ordering Information**

Part Number	Description	NEC / CE Listing
750715J000BK00100001	TX10715J	

**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	---	---	---
Jacket	Polyethylene, Outdoor, Black	0.166	4.2
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.

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Amphenol Broadband Solutions.  
358 Hall Avenue  
Wallingford, CT 06492  
Toll Free +1-800-677-2288  
Toll +1-434-432-1800  
Fax +1-434-432-1821  
www.timesfiber.com

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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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