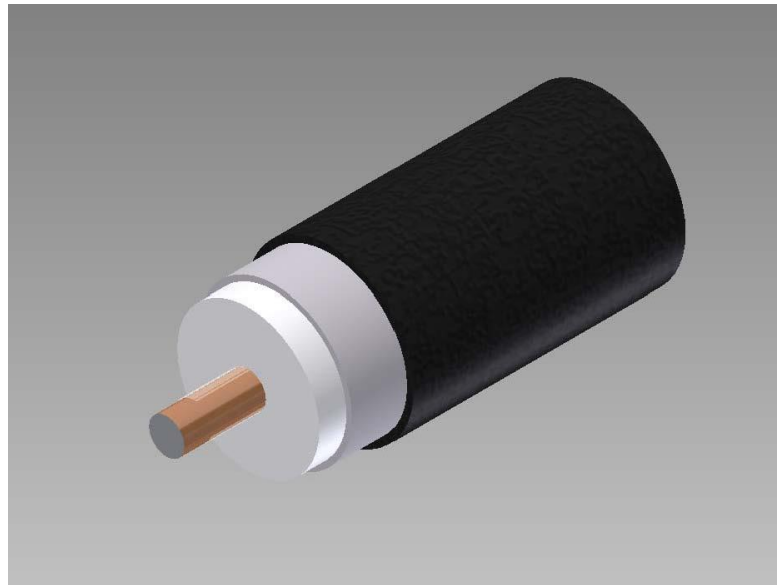


500 Series Coaxial Cable  
 Copper Clad Aluminum Conductor  
 Foamed Polyethylene Dielectric  
 Seamless Aluminum Tube Outer Conductor  
 Medium Density Polyethylene Jacket



**Cable Ordering Information**

Part Number	Description	NEC / CSA Listing
750500J000BK00100001	T10500J	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	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)	99	( 147)

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: t10500j\_1.8ghz17  
 Revision: 2017-10-25  
 Page: 1 of 2

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

**uncontrolled copy**  
 All Rights Reserved,  
 Specifications subject to change without notice

Electrical Specifications		
Impedance, $\Omega$	75 $\pm$ 2	
Velocity of Propagation, %	87	
Capacitance, Nominal	15.6 pF/ft	51.2 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / 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
1000	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

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: t10500j\_1.8ghz17  
Revision: 2017-10-25  
Page: 2 of 2

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

**uncontrolled copy**

All Rights Reserved,  
Specifications subject to change without notice