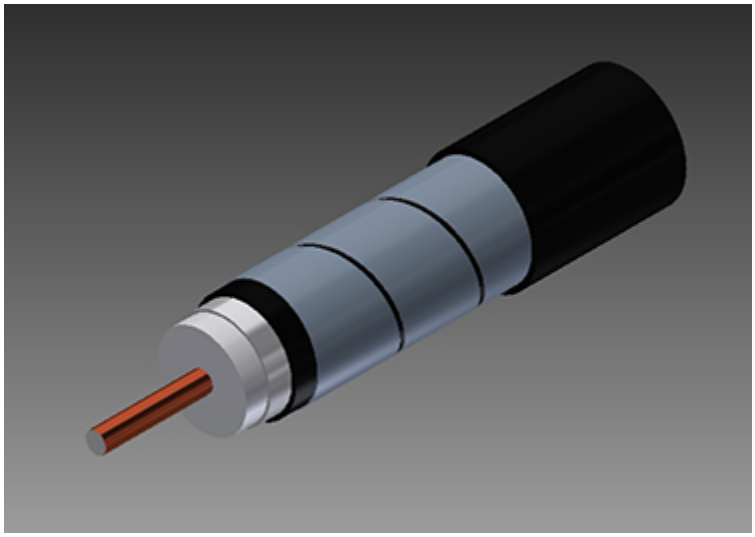
Amphenol Broadband Solutions

ABS Coaxial Cable Product Information Sheet
Type: T10750JBA

750 Series Coaxial Cable
Copper Clad Aluminum Conductor
Foamed Polyethylene Dielectric
Seamless Aluminum Tube Outer Conductor
Underground Floodant
Medium Density Polyethylene Jacket
Steel Armor Tape [Helically Applied]
Underground Floodant
Medium Density Polyethylene Jacket



Cable Ordering Information

Part Number	Description	NEC / CE Listing
750750JBA0BK00100001	T10750JBA	

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.166	4.22
Dielectric	Foamed Polyethylene	0.678	17.2
Outer Conductor	Seamless Aluminum Tube	0.750	19.1
Floodant	Underground	---	---
Jacket (inner)	Polyethylene, Outdoor, Black	0.830	21.1
Armor	Steel Tape, Helical	0.850	21.6
Floodant	Underground	---	---
Jacket (outer)	Polyethylene, Outdoor, Black	0.950	24.1
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Mechanical Specifications			
Minimum Bend Radius, in. (mm)		13.3	(338)
Product Weight	(less reel)	351	(522)

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.

Amphenol Broadband Solutions.
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Electrical Specifications

Impedance, Ω	75 ± 2	
Velocity of Propagation, %	87	
Capacitance, Nominal	15.3 pF/ft	50.2 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	0.58	1.90
Outer Conductor	0.17	0.56
Loop	0.75	2.46

Structural Return Loss

MHz	dB
5-1002	-30

Attenuation, Maximum @ 68 °F (20 °C)

Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.11	0.36
55	0.37	1.21
85	0.46	1.51
211	0.73	2.40
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	1.18	3.87
550	1.25	4.10
600	1.31	4.30
750	1.48	4.86
870	1.61	5.28
1002	1.74	5.71
1100	1.84	6.04
1200	1.93	6.33
1218	1.94	6.36
1300	2.01	6.59
1400	2.10	6.89
1625	2.18	7.15
1600	2.26	7.41
1700	2.34	7.68
1794	2.42	7.94
1800	2.43	7.97
2000	2.60	8.53
2200	2.75	9.02
2400	2.90	9.51
2600	3.04	9.97
2800	3.18	10.43
3000	3.32	10.89

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