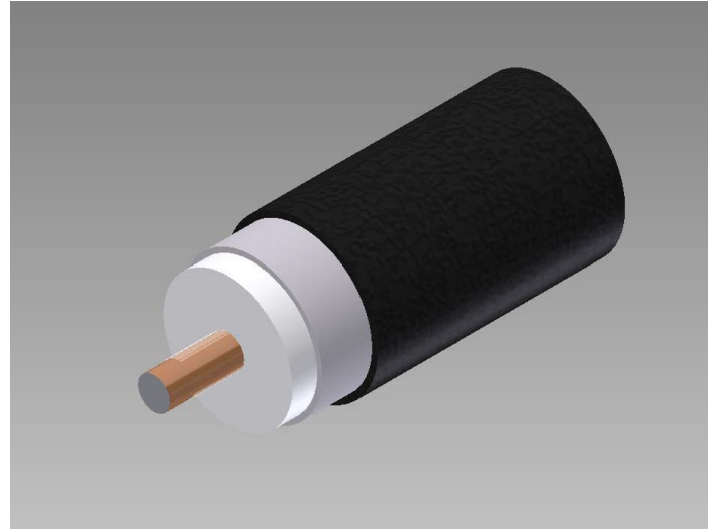




840 Series Coaxial Cable  
Copper Clad Aluminum Conductor  
Foamed Polyethylene Dielectric  
Seamless Aluminum Tube Outer Conductor  
Underground Floodant  
Medium Density Polyethylene Jacket



**Cable Ordering Information**

Part Number	Description	NEC / CE Listing
750840JB00BK00100001	TX10840JB	

**Characteristics**

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.194	4.93
Dielectric	Foamed Polyethylene	0.780	19.8
Outer Conductor	Seamless Aluminum Tube	0.840	21.3
Floodant	Underground	---	---
Jacket	Polyethylene, Outdoor, Black	0.920	23.4
Messenger	---	---	---
Cable Width	---	---	---
	---	---	---
	---	---	---

**Mechanical Specifications**

Minimum Bend Radius, in. (mm)		12.5	( 318)
Product Weight	(less reel)	220	( 327)

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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**Electrical Specifications**

Impedance, $\Omega$	75 $\pm$ 2	
Velocity of Propagation, %	89	
Capacitance, Nominal	15.2 pF/ft	49.9 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / km
Inner Conductor	0.42	1.38
Outer Conductor	0.18	0.59
Loop	0.60	1.97

**Structural Return Loss**

MHz		dB
	5-1002	-30

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

Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.09	0.30
55	0.32	1.05
85	0.40	1.31
211	0.64	2.10
250	0.70	2.30
270	0.73	2.40
300	0.77	2.53
330	0.82	2.69
350	0.84	2.76
400	0.91	2.99
450	0.97	3.18
500	1.03	3.38
550	1.09	3.58
600	1.15	3.77
750	1.30	4.27
870	1.41	4.63
1002	1.54	5.05
1100	1.62	5.31
1200	1.70	5.58
1218	1.73	5.68
1300	1.78	5.84
1400	1.86	6.10
1625	1.94	6.36
1600	2.01	6.59
1700	2.08	6.82
1794	2.15	7.05
1800	2.16	7.09
2000	2.30	7.55
2200	2.43	7.97
2400	2.56	8.40
2600	2.69	8.83
2800	2.82	9.25
3000	2.94	9.65

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