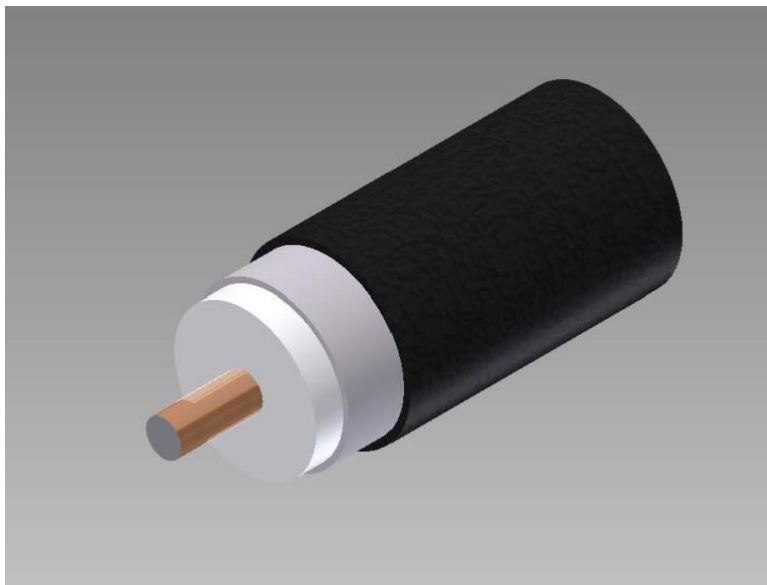




ABS Coaxial Cable Product Type: TX10540J

540 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
750540J000BK00100001	TX10540J	n/a

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.124	3.15
Dielectric	Foamed Polyethylene	0.513	13.0
Outer Conductor	Seamless Aluminum Tube	0.540	13.7
Floodant	---	---	---
Jacket	Polyethylene, Outdoor, Black	0.610	15.5
Messenger	---	---	---
Cable Width	---	---	---

Mechanical Specifications

Minimum Bend Radius, in. (mm)		4.0	(102)
Product Weight, lbs/kft (kg/km)	(less reel)	93	(138)

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, Ω	75 ± 2	
Velocity of Propagation, %	88	
Capacitance, Nominal	15.3 pF/ft	50.2 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	1.02	3.35
Outer Conductor	0.59	1.94
Loop	1.61	5.29
Structural Return Loss, minimum	dB	
5~1002 MHz	30	

Attenuation, Maximum @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.14	0.46
55	0.47	1.54
211	0.95	3.12
250	1.03	3.38
270	1.07	3.51
300	1.13	3.71
330	1.19	3.90
350	1.23	4.04
400	1.32	4.33
450	1.40	4.59
500	1.49	4.89
550	1.56	5.12
600	1.64	5.38
750	1.85	6.07
870	2.01	6.59
1002	2.17	7.12
1100	2.35	7.71
1200	2.44	8.01
1218	2.45	8.04
1300	2.54	8.33
1400	2.65	8.69
1500	2.75	9.02
1600	2.85	9.35
1700	2.94	9.65
1794	3.03	9.94
1800	3.04	9.97

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