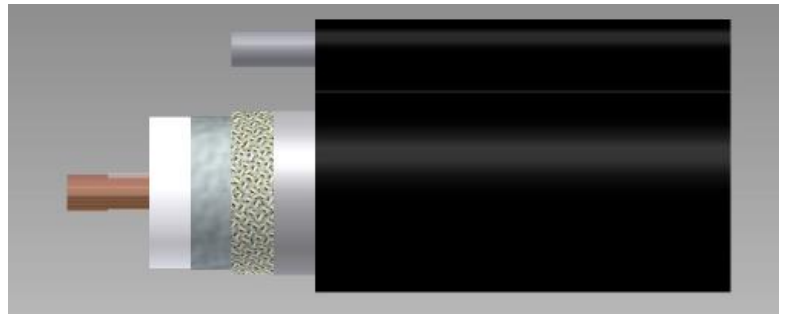


Series 15 Coaxial Cable
Copper Clad Aluminum Conductor
Foamed Polyethylene Dielectric
Bonded APA Laminate Shield
77% Aluminum Braid
APA Laminate Shield
Black PVC Jacket
0.083" Galvanized Steel Messenger



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
015T77V01BK2780000R1	TX15AT77-V Black - 083M	None

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.109	2.77
Dielectric	Foamed Polyethylene	0.455	11.56
1 st Outer Conductor	Sealed APA Tape	0.463	11.76
2 nd Outer Conductor	77% Aluminum Braid	0.490	12.45
3 rd Outer Conductor	APA Tape	0.494	12.55
Floodant	---	---	---
Jacket	PVC, Outdoor Grade, Black	0.595	15.11
Twisted Pairs	---	---	---
Messenger	Galvanized Steel	0.083	2.11

Mechanical Specifications

Minimum Bend Radius, in. (mm)		2.0	(50.80)
Product Weight	(less reel)	127 lbs /kft	

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 \pm 3	
Velocity of Propagation, %	88	
Capacitance, Nominal	15.5 pF/ft	50.9 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	1.35	4.43
Outer Conductor	2.69	8.83
Loop	4.04	13.25

Attenuation, Maximum @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.21	0.69
55	0.60	1.97
211	1.16	3.81
250	1.26	4.13
270	1.31	4.30
300	1.39	4.56
330	1.45	4.76
350	1.50	4.92
400	1.61	5.28
450	1.71	5.61
500	1.80	5.91
550	1.90	6.23
600	1.98	6.50
750	2.23	7.32
870	2.41	7.91
1000	2.59	8.50
1100	2.72	8.92
1200	2.84	9.32
1218	2.85	9.35
1300	2.96	9.71
1400	3.07	10.07
1500	3.17	10.40
1600	3.28	10.76
1700	3.38	11.09
1794	3.46	11.35
1800	3.47	11.38

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