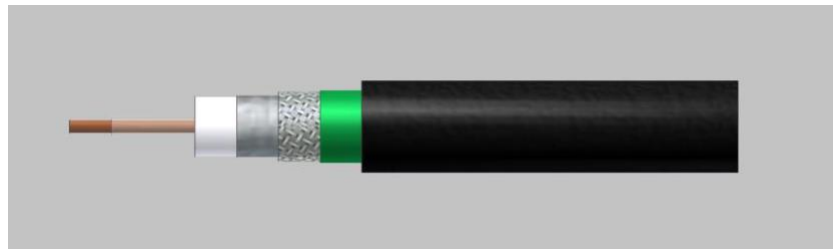


Series 6 Coaxial Cable
Copper Clad Steel Conductor
Foamed Polyethylene Dielectric
Bonded APA Laminate Shield
77% Aluminum Braid
Moisture Inhibiting lifeTime®
APA Laminate Shield (QuickPrep)
Black PVC Jacket w/ Rodent Repel™
Animal Aversive Additive



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
006E77V84BK0310000R1	T6TQP77-LTV (AA) Black	none

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Steel	0.0403	1.02
Dielectric	Foamed Polyethylene	0.180	4.57
1 st Outer Conductor	Sealed APA Tape	0.188	4.78
2 nd Outer Conductor	77% Aluminum Braid	0.212	5.38
3 rd Outer Conductor	APA Tape (QuickPrep)	0.216	5.49
Floodant	Moisture Inhibiting, lifeTime®	---	---
Jacket	PVC, Outdoor Grade, Black, w/AA	0.278	7.06
Twisted Pairs	---	---	---
Messenger	---	---	---

Mechanical Specifications

Minimum Bend Radius, in. (mm)		1.0	(25.40)
Product Weight	(less reel)	30 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, %	85	
Capacitance, Nominal	16.2 pF/ft	53.2 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	31.0	102
Outer Conductor	5.70	19
Loop	36.7	120

Attenuation, Maximum @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.58	1.90
55	1.60	5.25
211	3.05	10.01
250	3.30	10.83
270	3.37	11.06
300	3.55	11.65
330	3.74	12.27
350	3.85	12.63
400	4.15	13.62
450	4.40	14.44
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
870	6.11	20.05
1000	6.55	21.49
1100	6.87	22.54
1200	7.18	23.56
1218	7.21	23.65
1300	7.47	24.51
1400	7.75	25.43
1500	8.06	26.44
1600	8.34	27.36
1700	8.61	28.25
1794	8.85	29.04
1800	8.87	29.10

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