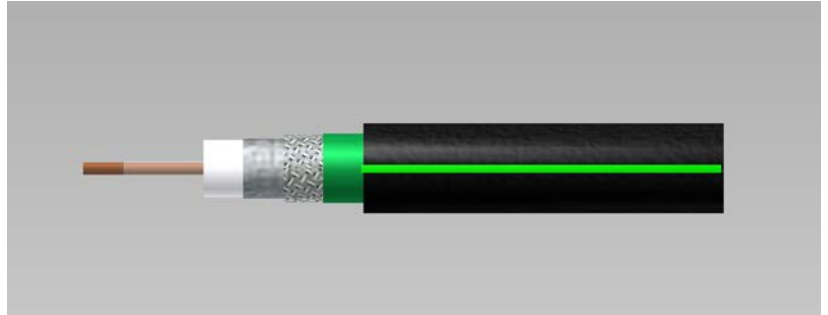




TFC Coaxial Cable Product Information Sheet

Type: T6TQP77-LTV(AA) BLACK / T-GNNN

Series 6 Coaxial Cable
 Copper Clad Steel Conductor
 Foamed Polyethylene Dielectric
 Bonded APA Laminate Shield
 77% Aluminum Braid
 Moisture Inhibiting lifeTime®
 APA Laminate Shield (Quick-Prep)
 Black PVC Jacket w/ RodentRepel®
 Animal Aversive Additive
 Visual Indicator Tracer(s) – Green (1X)



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
006E77V84BK6220000R1	T6TQP77-LTV(AA) BLACK- / T-GNNN	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 (Quick-Prep)	0.216	5.49
4 th Outer Conductor	---	---	---
Floodant	Moisture Inhibiting lifeTime®	---	---
Jacket	PVC, OD Type(1), 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.

Document: t6tqp77-ltv(aa) t-gnnn black_1ghz13.doc
 Revision: 4.8.2015
 Page: 1 of 2

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TFC Coaxial Cable Product Information Sheet

Type: T6TQP77-LTV(AA) BLACK / T-GNNN

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

Notes:

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

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