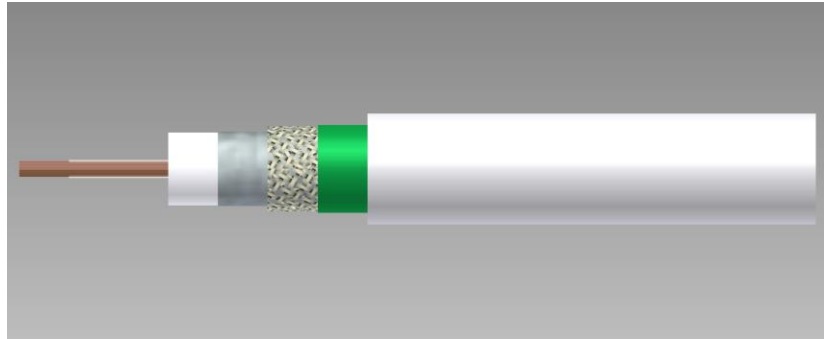


# TFC Coaxial Cable Product Information Sheet

## Type: T6TQP77-V(BLX-CATV) WHITE

Series 6 Coaxial Cable  
 Copper Clad Steel Conductor  
 Foamed Polyethylene Dielectric  
 Bonded APA Laminate Shield  
 77% Aluminum Braid  
 APA Laminate Shield (Quick-Prep)  
 White PVC Jacket  
 NEC 830 (UL) BLX, NEC 820 (UL) 820  
 Listed



Application: Consumer-friendly premise broadband placement

### Cable Ordering Information

Part Number	Description	NEC / CSA Listing
006E77V14WH001	T6TQP77-V(BLX-CATV) WHITE	NEC 830 (UL) BLX, NEC 820 (UL) CATV Listed

### Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Steel	0.0403	1.02
Dielectric	Foamed Polyethylene	0.180	4.57
1 <sup>st</sup> Outer Conductor	Sealed APA Tape	0.188	4.78
2 <sup>nd</sup> Outer Conductor	77% Aluminum Braid	0.212	5.38
3 <sup>rd</sup> Outer Conductor	APA Tape (Quick-Prep)	0.216	5.49
4 <sup>th</sup> Outer Conductor	---	---	---
Floodant	---	---	---
Jacket	PVC, Flame Retardant, White	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-v[blx-catv] white\_1ghz14  
 Revision: 5.27.2014  
 Page: 1 of 2

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# TFC Coaxial Cable Product Information Sheet

Type: T6TQP77-V(BLX-CATV) WHITE

## Electrical Specifications

Impedance, $\Omega$	75 $\pm$ 3	
Velocity of Propagation, %	85	
Capacitance, Nominal	16.2 pF/ft	53.2 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / 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

Notes:

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Document: t6tqp77-v[blx-catv] white\_1ghz14  
Revision: 5.27.2014  
Page: 2 of 2

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