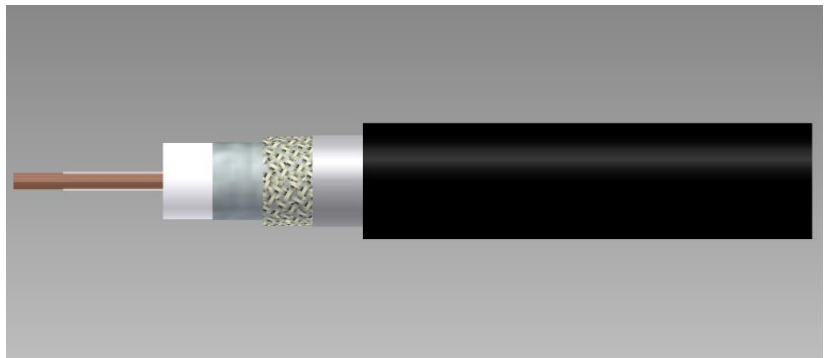


ABS Coaxial Cable Product
Type: TX15AT77-V (CATV) Black

Series 15 Coaxial Cable
Copper Clad Aluminum Conductor
Foamed Polyethylene Dielectric
Bonded APA Laminate Shield
77% Aluminum Braid
APA Laminate Shield
Black PVC Jacket
NEC 820 CATV Listed



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
015T77V04BK2710000R1	TX15AT77-V (CATV) Black	NEC 820 CATV

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, Flame Retardant, Black	0.595	15.11
Twisted Pairs	---	---	---
Messenger	---	---	---

Mechanical Specifications

Minimum Bend Radius, in. (mm)		2.0	(50.80)
Product Weight	(less reel)	102 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: tx15at77-v (catv) black_1.8ghz18.docx
Revision: 01.08.2019
Page: 1 of 2

Amphenol Broadband Solutions
358 Hall Avenue
Wallingford, CT 06492
Toll Free +1-800-677-2288
Toll +1-434-432-1800
Fax +1-434-432-1821
www.timesfiber.com

uncontrolled copy

All Rights Reserved,
Specifications subject to change without notice

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

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: tx15at77-v (catv) black_1.8ghz18.docx
Revision: 01.08.2019
Page: 2 of 2

Amphenol Broadband Solutions
358 Hall Avenue
Wallingford, CT 06492
Toll Free +1-800-677-2288
Toll +1-434-432-1800
Fax +1-434-432-1821
www.timesfiber.com

uncontrolled copy

All Rights Reserved,
Specifications subject to change without notice