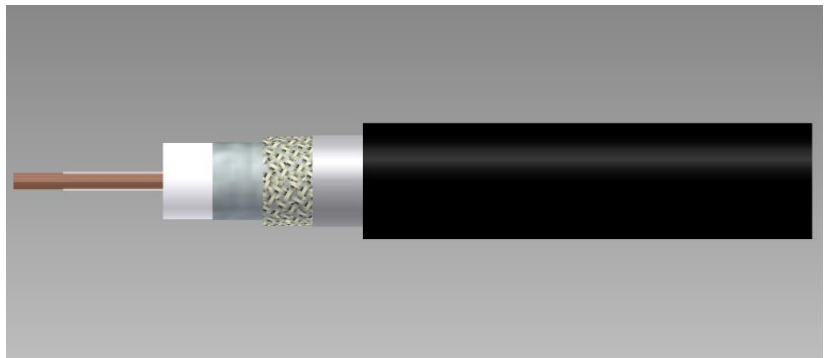


ABS Coaxial Cable Product
Type: TX15AT77-V (CATVR) Black

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 CATVR Listed



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
015T77V05BK2710000R1	TX15AT77-V (CATVR) Black	NEC 820 CATVR

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)	104 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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