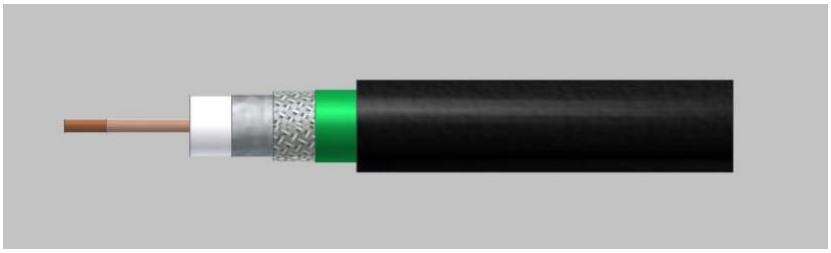
Authorized Distributor CONNECT

ABS Coaxial Cable Product
Type: T6TSFx77-FE Black

Series 6 Coaxial Cable

Copper Clad Steel Conductor
Foamed Polyethylene Dielectric
Bonded APA Laminate Shield
77% Aluminum Braid
Underground Floodant
APA Laminate Shield (ShieldX®)
Black Polyethylene Jacket



Designed for enhanced shielding, targeting todays LTE interference problems…

Cable Ordering Information

Part Number	Description	NEC / CSA Listing	
006277E00BK0610000R1	T6TSFx77-FE Black	None	

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Steel	0.0403	1.02
Dielectric	Foamed Polyethylene	0.180	4.57
1st Outer Conductor	Sealed APA Tape	0.188	4.78
2nd Outer Conductor	77% Aluminum Braid	0.212	5.38
3rd Outer Conductor	APA Tape (ShieldX®)	0.216	5.49
Floodant	Underground	---	---
Jacket	Polyethylene, Black	0.278	7.06
Twisted Pairs	---	---	---
Messenger	---	---	---
Mechanical Specifications			
Minimum Bend Radius, in. (mm)		1.0	(25.40)
Product Weight	(less reel)	25 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 ± 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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