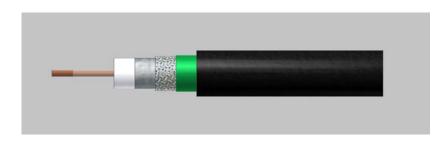


TFC Coaxial Cable Product Information Sheet T6TSFx77-FE (AA) BLACK Type:



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 **Animal Aversive**



Designed for enhanced shielding, targeting todays LTE interference problems

Cable Ordering Information

Part Number	Description	NEC / CSA Listing	
006277E84BK0610000R1	T6TSFx77-FE (AA) BLACK	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 (Shield®)	0.216	5.49
4 th Outer Conductor			
Floodant	Underground		
Jacket	Polyethylene, Black, AA	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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TFC Coaxial Cable Product Information Sheet Type: T6TSFx77-FE (AA) BLACK

Notes:



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

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