

TFC Coaxial Cable Product Information Sheet Type: T6TSFx77-LTV BLACK-051M



Series 6 Coaxial Cable
Copper Clad Steel Conductor
Foamed Polyethylene Dielectric
Bonded APA Laminate Shield
77% Aluminum Braid
Moisture Inhibiting lifeTime®
APA Laminate Shield (ShieldX®)
Black PVC Jacket
0.051" Galvanized Steel Messenger



Designed for enhanced shielding, targeting todays LTE interference problems...

Cable Ordering Information

Part Number	Description	NEC / CSA Listing	
006277V01BK0350000R1	T6TSFx77-LTV BLACK- 051M	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	Moisture Inhibiting LifeTime®		
Jacket	PVC, Outdoor Grade, Black	0.278	7.06
Twisted Pairs			
Messenger	Galvanized Steel	0.051	1.30
Mechanical Specifications			
Minimum Bend Radius, in. (mm)		1.0	(25.40)
Product Weight	(less reel)	42 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: t6tsfx77-ltv black-051m_1ghz14.doc

Revision: 2.6.2015 Page: 1 of 2

uncontrolled copy

All Rights Reserved,

Specifications subject to change without notice

Times Fiber Communications, Inc. 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



TFC Coaxial Cable Product Information Sheet Type: T6TSFx77-LTV BLACK-051M

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	

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: t6tsfx77-ltv black-051m_1ghz14.doc

Revision: 2.6.2015 Page: 2 of 2

uncontrolled copy

All Rights Reserved,

Specifications subject to change without notice

Times Fiber Communications, Inc. 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