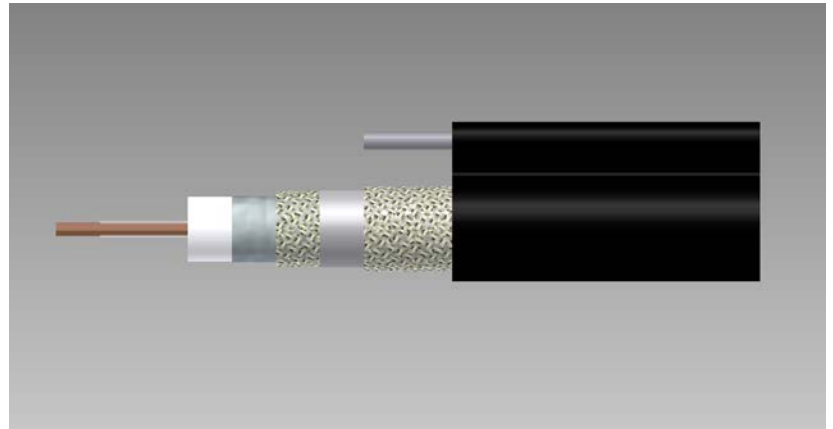




# TFC Coaxial Cable Product Information Sheet

## Type: T15AQ60/40-V BLACK-109M

**Series 15 Coaxial Cable**  
 Copper Clad Aluminum Conductor  
 Foamed Polyethylene Dielectric  
 Bonded APA Laminate Shield  
 60% Aluminum Braid  
 APA Laminate Shield  
 40% Aluminum Braid  
 Black PVC Jacket  
 0.109" Galvanized Steel Messenger



### Cable Ordering Information

Part Number	Description	NEC / CSA Listing
015Q64V01BK279	T15AQ60/40-V BLACK-109M	none

### Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.109	2.77
Dielectric	Foamed Polyethylene	0.455	11.56
1 <sup>st</sup> Outer Conductor	Sealed APA Tape	0.463	11.76
2 <sup>nd</sup> Outer Conductor	60% Aluminum Braid	0.490	12.45
3 <sup>rd</sup> Outer Conductor	APA Tape	0.494	12.55
4 <sup>th</sup> Outer Conductor	40% Aluminum Braid	0.523	13.28
Floodant	---	---	---
Jacket	PVC, Outdoor Grade, Black	0.615	15.62
Twisted Pairs	---	---	---
Messenger	Galvanized Steel	0.109	2.77

### Mechanical Specifications

Minimum Bend Radius, in. (mm)		2.5	(63.50)
Product Weight	(less reel)	177 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: T15AQ60/40-V BLACK-109M

Electrical Specifications		
Impedance, $\Omega$	75 $\pm$ 2	
Velocity of Propagation, %	88	
Capacitance, Nominal	15.5 pF/ft	50.9 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / km
Inner Conductor	1.35	4.43
Outer Conductor	2.50	8.20
Loop	3.85	12.63

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

Notes:

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