

## GENERAL DESCRIPTION

6 Series, Perfect Prep®, Tri-shield, 77% Braid, Perfect Guard®, Black PVC Jacket, 0.051" Messenger, Footage Marked, Reel Package

### MECHANICAL SPECIFICATIONS

<b>Center Conductor:</b>	Copper-covered steel
<b>Nominal Diameter:</b>	0.040" (1.02 mm)
<b>Dielectric:</b>	Closed cell foamed polyethylene
<b>Nominal Diameter</b>	0.180" (4.57 mm)

### SHIELD

<b>1<sup>st</sup> Shield</b>	APA-laminated tape bonded to dielectric
<b>Nominal Diameter</b>	0.188" (4.78 mm)
<b>Over Tape:</b>	
<b>2<sup>nd</sup> Shield</b>	34 AWG aluminum braid wire; 77% coverage
<b>3<sup>rd</sup> Shield:</b>	APA-laminated tape bonded to jacket

### JACKET

<b>Jacket:</b>	Black PVC
<b>Nominal Diameter Over Jacket:</b>	.278" (7.06 mm)

### MESSENGER

<b>Messenger:</b>	Galvanized steel; 0.051" (1.3 mm)
-------------------	-----------------------------------

Center Conductor

Dielectric

Bonded  
APA Laminated Tape

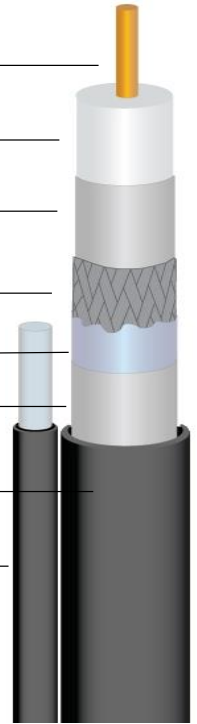
Aluminum Braid Shield

Perfect Guard™

Bonded  
APA Laminated Tape

Jacket

Messenger Wire



### PERFORMANCE SPECIFICATIONS

Attenuation (max corrected to 20°C)

Frequency (MHz)	Maximum (dB/100ft)	Maximum (dB/100m)
5	0.58	1.90
55	1.55	5.09
211	3.00	9.84
250	3.20	10.50
300	3.50	11.48
350	3.80	12.47
400	4.12	13.52
450	4.37	14.34
500	4.63	15.19
550	4.86	15.94
600	5.08	16.67
750	5.65	18.54
870	6.10	20.01
1000	6.54	21.46

### PERFORMANCE SPECIFICATIONS

<b>NEC Rated:</b>	None
<b>Characteristic Impedance:</b>	75 +/- 3 Ohms
<b>Nominal Velocity Propagation:</b>	85%



### PACKAGING SPECIFICATIONS

<b>Cable Length per Reel:</b>	1,000 ft. (305 m)
<b>Packaging Dimensions:</b>	14.5" x 4" x 11" (37 x 10 x 28 cm)
<b>Shipping Weight per Reel:</b>	45 lbs./1,000 ft.

Unless otherwise specified, dimensions, material, electrical and mechanical specifications shall comply with ANSI SCTE 74  
\*Cable image for reference only. Please refer to jacket description for color.