

Product SKU:	C8029.41.01
Product Description:	CCTV Coaxial and TV Camera, NEC Type CM, Gauge Size (AWG): 18 Cond.Coax and 18 Cond. Twisted Pair, Jacket: Natural PVC - Natural - 1000' Ft. Reel
Product Category:	Electronics - Special Applications - Audio, Video, and Entertainment Cable - CCTV Coaxial, TV Camera and Video Surveillance-Non Plenum - CCTV Coaxial and TV Camera-1 Coax , 1 Twisted Pair

**Product Construction:**

Conductor:	<ul style="list-style-type: none">• Coax - 18 AWG Solid bare copper per ASTM B-3• Twisted Pair - 18 AWG stranded bare copper per ASTM B-3
Insulation:	<ul style="list-style-type: none">• Coax - Cellular Polyethylene core• Twisted Pair - Premium PVC
Shield:	<ul style="list-style-type: none">• Flexfoil® shield• Tinned copper braid
Jacket:	<ul style="list-style-type: none">• Premium PVC compound

Product Specification:

Conductor Size (AWG):	<ul style="list-style-type: none">• Coax - 18 AWG Sold Bare Copper• Twisted Pair -18 AWG 7/26 unshielded
Jacket Color:	<ul style="list-style-type: none">• Natural
Nominal Insulation Thickness (in):	<ul style="list-style-type: none">• Coax - 0.177• Twisted Pair - 0.010
Nominal Insulation Thickness (mm):	<ul style="list-style-type: none">• Coax - 4.50• Twisted Pair - 0.25
Shield Coverage Nominal Shield DCR:	<ul style="list-style-type: none">• 100% Flexfoil® +95% Tinned Copper Braid

Nominal Outside Diameter (in):

- 0.270 X 0.493

Nominal Outside Diameter (mm):

- 6.86 X 12.52

Nominal Capacitance (pF/ft):

- 16.20

Nominal Capacitance (pF/m):

- 53.15

Velocity of Propagation %:

- 85

Nominal Impedance Ohm:

- 75

Nominal Attenuation MHz/dB per 100 ft:

- 1/0.20
- 10/0.72
- 50/1.48
- 100/2.01
- 500/4.46
- 1000/6.53
- 200/2.70

Standard Packaging:

- 1000' Reel (RL)

Product Information:

Applications:

- Digital video
- CATV
- Drop cable
- Suitable for RF signal transmission
- DBS

Compliances:

- UL CL2, CATV, CM, c(UL) CM

Packaging:

- 1000' (305 m) Reels

Reference Charts
[Color Code Chart](#)

Technical Specifications

[Unit Conversion Factors](#)

[Cable Design Equations - Balanced Pair](#)

[Insulation and Jacket Properties](#)

[Temperature Conversion Chart](#)

[Decimal and Unit Conversion Factors](#)

[Cable Design Equations - Braid Shield](#)

[AWG Conductor Chart](#)

[Conduit Capacity Chart](#)

[Cable Design Equations - Coaxial Cable](#)

[Engineering Prefixes](#)

[Coax Connector Cross Reference](#)

[Glossary](#)



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