

Product SKU:	C8028.41.01
Product Description:	CCTV Coaxial and TV Camera, 20006, NEC Type CM, Gauge Size (AWG): 20 Cond.Coax and 18 Cond. Twisted Pair, Jacket: Black PVC - Black - 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 - 20 AWG fully annealed solid bare copper per ASTM B-3• Twisted Pair - 18 AWG fully annealed stranded tinned copper per ASTM B-33
Insulation:	<ul style="list-style-type: none">• Coax - Cellular Polyethylene core• Twisted Pair - Premium grade color-coded PVC. See color code chart below.
Insulation/Core:	<ul style="list-style-type: none">• Premium grade, cellular Fluoropolymer
Shield:	<ul style="list-style-type: none">• Coax - 95% bare copper braid• Stranded tinned copper drain wire
Jacket:	<ul style="list-style-type: none">• Coax and Twisted Pair - PVC, Black

Product Specification:

Conductor Size (AWG):	<ul style="list-style-type: none">• 22 Coax• Coax - 20 AWG Solid Bare Copper
No. of Pairs:	<ul style="list-style-type: none">• 1
Jacket Color:	<ul style="list-style-type: none">• Black
Nominal Insulation Thickness (in):	<ul style="list-style-type: none">• Coax 0.144• Twisted Pair - 0.016

Nominal Insulation Thickness (mm):	<ul style="list-style-type: none"> Coax - 3.66 Twisted Pair -0.25
Nominal Outside Diameter (in):	<ul style="list-style-type: none"> 0.238 X 0.440
Nominal Outside Diameter (mm):	<ul style="list-style-type: none"> 6.05 X 11.18
Nominal Capacitance (pF/ft):	<ul style="list-style-type: none"> 16.20
Nominal Capacitance (pF/m):	<ul style="list-style-type: none"> 53.15
Velocity of Propagation %:	<ul style="list-style-type: none"> 78
Nominal Impedance Ohm:	<ul style="list-style-type: none"> 71
Nominal Attenuation MHz/dB per 100 ft:	<ul style="list-style-type: none"> 1/0.25 10/0.78 50/1.97 200/3.97 500/6.35 1000/9.15 100/2.70
Standard Packaging:	<ul style="list-style-type: none"> 1000' Non-returnable Wood Reels
Standard Package Quantity:	<ul style="list-style-type: none"> 1
UPC #:	<ul style="list-style-type: none"> 079407032853
Put-up:	<ul style="list-style-type: none"> 1000
SCC-14:	<ul style="list-style-type: none"> 50079407032855
Cube:	<ul style="list-style-type: none"> 2352
Weight Per Unit of Measure:	<ul style="list-style-type: none"> 63.18

ColorOption:

- Black

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
- Other put-ups available- consult Customer Service

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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