

**Product SKU:** C3068.41.86

Product Description: Plenum Cable, Multi-Conductor, Foil Shield, NEC Type CMP (UL) c(UL) and CL3P, No. of Conductors: 2,

Gauge Size (AWG): 16, Conductor/Strands: 19/.0117 BC, Jacket: Natural Flexguard® PVC, Temperature

Range: 0°C to +75°C - Natural - 1000 Ft. Reel

Electronics - Plenum Cable (available with rip cords - please contact customer service) - Multi-Conductor, **Product Category:** 

Foil Shield-PVC Jacket - 16 AWG CONDUCTORS - Natural



## **Product Construction:**

Conductor: 22 thru 16 AWG fully-annealed, stranded tinned or bare copper per ASTM B3, B8 or

**B33** 

Insulation: Color Code: See chart below

• Premium grade, color-coded, Flexguard® PVC

Shield: 100% Flexfoil® aluminum/polyester foil, 25% overlap, minimum

Stranded tinned copper drain wire

Jacket: Flexguard® PVC, Natural

Sequential footage markings to facilitate installation

• Temperature Range: 0°C to +75°C

• Ripcord available - consult customer service for details

## **Product Specification:**

No. of Conductors: 2

Conductor Size (AWG): 16

Conductor/Strands: 19/.0117 BC

Jacket Color: Natural

Nominal Insulation Thickness

0.008

(in):

Nominal Insulation Thickness (mm):	• 0.20	
Nominal Jacket Thickness (in):	• 0.015	
Nominal Jacket Thickness (mm):	• 0.38	
Nominal Outside Diameter (in):	• 0.187	
Nominal Outside Diameter (mm):	• 4.75	
Nominal Capacitance (pF/ft A):	• 63.0	
Nominal Capacitance (pF/ft B):	• 114.0	
Standard Packaging:	• 1000' Non-returnable Wood Reels	
Standard Package Quantity:	• 1	
UPC #:	• 079407785148	
Footnote:	Nominal Cap. A: Capacitance between conductors	
	• Nominal Cap. B: Capacitance between one conductor and other conductors connected to shield	
Put-up:	• 1000	
SCC-14:	• 50079407785144	
Cube:	• 938.825	
Weight Per Unit of Measure:	• .03	
ColorOption:	• Natural	

**Product Information:** 

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	Applications:	Audio systems		
Power limited control circuits  Suggested voltage rating: 150 Volts  Compliances:  Designed to Meet NFPA 262 Flame Test  NEC Article 725 (UL: 75°C, 150V)  NEC Article 800 (UL: 75°C, 300V)  Features:  Packaging:  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 Conduit Capacity Chart Cable Design Equations - Coaxial Cable Engineering Prefixes Coax Connector Cross Reference		Background mu	asic	
Suggested voltage rating: 150 Volts      Designed to Meet NFPA 262 Flame Test     NEC Article 725 (UL: 75°C, 150V)     NEC Article 800 (UL: 75°C, 300V)  Features:     Packaging:     Packaging:     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		Intercom systen	ns	
Compliances:  Designed to Meet NFPA 262 Flame Test  NEC Article 725 (UL: 75°C, 150V)  NEC Article 800 (UL: 75°C, 300V)  Features:  Easy to terminate  Flexible  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		Power limited c	ontrol circuits	
NEC Article 725 (UL: 75°C, 150V)     NEC Article 800 (UL: 75°C, 300V)      NEC Article 800 (UL: 75°C, 300V)      Easy to terminate		Suggested volta	ge rating: 150 Volts	
Packaging:  Packag	Compliances:	Designed to Me	eet NFPA 262 Flame Test	
Features:  Packaging:  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		NEC Article 72.	5 (UL: 75°C, 150V)	
Packaging:  • Flexible  • 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		NEC Article 80	0 (UL: 75°C, 300V)	
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	Features:	Easy to termina	te	
• 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		Flexible		
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	Packaging:	1000' (305 m) R	Reels	
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		Other put-ups a	vailable- consult Customer Service	
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	Reference Charts			
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	Color Code Chart			
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	Technical Specifications			
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	<u>Unit Conversion Factors</u>			
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	Cable Design Equations - Balanced Pair			
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	Insulation and Jacket Properties			
Cable Design Equations - Braid Shield  AWG Conductor Chart  Conduit Capacity Chart  Cable Design Equations - Coaxial Cable  Engineering Prefixes  Coax Connector Cross Reference	Temperature Conversion Chart			
AWG Conductor Chart  Conduit Capacity Chart  Cable Design Equations - Coaxial Cable  Engineering Prefixes  Coax Connector Cross Reference	Decimal and Unit Conversion Factors			
Conduit Capacity Chart  Cable Design Equations - Coaxial Cable  Engineering Prefixes  Coax Connector Cross Reference	Cable Design Equations - Braid Shield			
Cable Design Equations - Coaxial Cable  Engineering Prefixes  Coax Connector Cross Reference	AWG Conductor Chart			
Engineering Prefixes  Coax Connector Cross Reference	Conduit Capacity Chart			
Coax Connector Cross Reference	Cable Design Equations - Coaxial Cable			
	Engineering Prefixes			
Glossary	Coax Connector Cross Reference			
<u>Otossat y</u>	Glossary			



Designed to Meet UL 910 Test For Flame Propagation & Smoke Density Underwriters Laboratories Inc.



## CAROL BRAND