

Multi-Paired, Individually Foil Shielded

NEC Type CMP (UL) c(UL)

Product Construction:

Conductor:

- 22 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation:

- Premium-grade, color-coded fluoropolymer
- Color code: See chart below

Shield:

- 100% Flexfoil® aluminum/polyester foil, each with 25% overlap, minimum
- Stranded tinned copper drain wire

Jacket:

- Fluoropolymer, red
- Temperature range: -20°C to +150°C
- Sequential footage marked to facilitate installation
- Includes ripcord

Applications:

- Point of sale systems
- Remote control circuits
- Process control and instrumentation
- Power-limited control circuits
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 (UL: 150°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

Features:

- Individually shielded pairs for excellent signal isolation
- Abrasion-, chemical- and water-resistant jacket

Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.**	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
C3156*	2	22	7/30	0.006	0.15	0.010	0.25	0.147	3.73	35.0	63.0
C3157†	3	22	7/30	0.006	0.15	0.010	0.25	0.184	4.67	35.0	63.0

* Cabled on common axis to reduce diameter, foil out, common drain wire

** A – Capacitance between conductors

** B – Capacitance between one conductor and other conductors connected to shield

† 3 individually shielded pairs with separate drain wires

Color Code Chart

C3156 NO. OF PAIRS	COLOR
1	Black paired with Red
2	White paired with Green

C3157 NO. OF PAIRS	COLOR
1	Black paired with Red
2	Black paired with White
3	Black paired with Green

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NEC Type CMP (UL) c(UL)



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.*	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
C8134	2	24	7/32	0.019	0.48	0.015	0.38	0.255	7.48	35.0	76.0
C8105	2	22	7/30	0.006	0.15	0.014	0.36	0.186	4.72	43.0	75.0
C8131	3	22	7/30	0.010	0.25	0.018	0.46	0.237	6.02	35.0	76.0
C8133	6	22	7/30	0.010	0.25	0.018	0.45	0.314	7.98	35.0	76.0

*A - Capacitance between conductors

*B - Capacitance between one conductor and other conductors connected to shield

Color Code Chart

C8105 NO. OF PAIRS	COLOR
1	Black paired with Red
2	White paired with Green

C8131 NO. OF PAIRS	COLOR
1	Black paired with Red
2	Black paired with White
3	Black paired with Green

C8133 NO. OF PAIRS	COLOR
1	Black paired with Red
2	Black paired with White
3	Black paired with Green
4	Black paired with Blue
5	Black paired with Yellow
6	Black paired with Brown

C8134 NO. OF PAIRS	COLOR
1	White/Blue paired with Blue/White
2	White/Orange paired with Orange/White

Product Construction:

Conductor:

- 24 thru 22 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation:

- Premium-grade, color-coded FEP or foamed FEP
- Color code: See chart below

Pair Shield:

- 100% Flexfoil® aluminum/polyester foil, with 25% overlap, minimum
- Individually shielded pairs with stranded tinned copper drain wire

Jacket:

- Flexguard® PVC, natural
- Temperature range: -20°C to +75°C

Applications:

- Computer systems
- Remote control circuits
- Process control and instrumentation
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

Features:

- Individually shielded pairs for excellent signal isolation
- Fire-retardant, low-smoke jacket

Packaging:

- Please contact Customer Service for packaging and color options

CAROL BRAND



Designed to Meet
 NFPA 262 and CSA FT-6
 Steiner Tunnel Fire Tests
 for Plenum Applications

Underwriters Laboratories Inc.

General Cable

Multi-Paired, Individually Foil Shielded

NEC Type CMP (UL) c(UL)

Product Construction:

Conductor:

- 22 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation:

- Premium-grade, color-coded FEP
- Color code: See chart below

Pair Shield:

- 100% Flexfoil® aluminum/polyester foil, with 25% overlap, minimum
- Individually shielded pairs with stranded tinned copper drain wire

Jacket:

- FEP, red or as requested
- Temperature range: -40°C to +200°C

Applications:

- Computer systems
- Remote control circuits
- Process control and instrumentation
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

Features:

- Individually shielded pairs for excellent signal isolation
- Fire-retardant, low-smoke jacket

Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.*	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
C8112	2	22	7/30	0.006	0.15	0.014	0.36	0.186	4.72	35.0	65.0
C8132	6	22	7/30	0.010	0.25	0.015	0.38	0.309	7.85	30.0	65.0

*A - Capacitance between conductors

*B - Capacitance between one conductor and other conductors connected to shield

Color Code Chart

C8112 NO. OF PAIRS	COLOR
1	Black paired with Red
2	White paired with Green

C8132 NO. OF PAIRS	COLOR
1	Black paired with Red
2	Black paired with White
3	Black paired with Green
4	Black paired with Blue
5	Black paired with Yellow
6	Black paired with Brown

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CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.*	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
C8128	2	24	7/32	0.019	0.48	0.018	0.46	0.261	6.63	12.5	22.0

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

Color Code Chart

NO. OF PAIRS	COLOR
1	White/Blue paired with Blue/White
2	White/Orange paired with Orange/White

Product Construction:

Conductor:

- 24 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation:

- Premium-grade, color-coded foam FEP
- Color code: See chart below

Pair Shield:

- 100% Flexfoil® aluminum/polyester foil with 25% overlap, minimum
- Individually shielded pairs with stranded tinned copper drain wire

Jacket:

- PVDF, gray or as requested
- Temperature range: -40°C to +150°C

Applications:

- Computer systems
- Remote control circuits
- Process control and instrumentation
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

Features:

- Individually shielded pairs for excellent signal isolation
- Fire-retardant, low-smoke jacket

Packaging:

- Please contact Customer Service for packaging and color options



Designed to Meet
 NFPA 262 and CSA FT-6
 Steiner Tunnel Fire Tests
 for Plenum Applications
 Underwriters Laboratories Inc.

