

Multi-Conductor, Foil & TC Braid Shield

NEC Type CMP (UL) c(UL)

Product Construction:

Conductor:

- Fully annealed stranded tinned copper per ASTM B-33

Insulation:

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

Separator:

- Polyester tape with 25% overlap

Shield:

- 100% Flexfoil® aluminum/polyester foil with 25% overlap
- Tinned copper braid, 90% coverage

Jacket:

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

Applications:

- Computer systems
- Remote control circuits
- Process control and instrumentation
- Audio controls
- 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:

- Fire-retardant, low-smoke jacket

Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.*	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B

16 AWG CONDUCTORS

C8108	6	16	19/29	0.007	0.18	0.014	0.36	0.270	6.86	33.0	61.0
C8119	3	16	19/29	0.007	0.18	0.014	0.36	0.209	5.31	35.0	63.0
C8111	2	16	19/29	0.007	0.18	0.014	0.36	0.198	5.03	35.0	63.0

18 AWG CONDUCTORS

C8120	6	18	19/30	0.007	0.18	0.014	0.36	0.242	6.15	33.0	61.0
C8110	4	18	19/30	0.007	0.18	0.014	0.36	0.206	5.23	35.0	63.0
C8107	3	18	19/30	0.007	0.18	0.014	0.36	0.190	4.83	35.0	63.0

24 AWG CONDUCTORS

C8115	3	24	7/32	0.006	0.15	0.014	0.36	0.133	3.38	25.0	45.0
--------------	---	----	------	-------	------	-------	------	-------	------	------	------

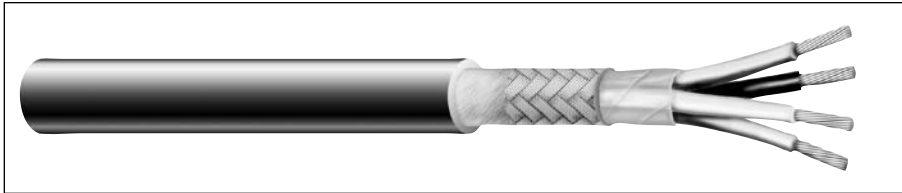
*A – Capacitance between conductors

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

Color Code Chart

NO. OF COND.	COLOR
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue

Multi-Conductor, Rubber, Braid Shield



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.	
				INCHES	mm	INCHES	mm	INCHES	mm
C1302	2	20	26/34	0.020	0.51	0.035	0.89	0.270	6.86
C1304	3	20	26/34	0.020	0.51	0.035	0.89	0.285	7.24
C1305	4	20	26/34	0.020	0.51	0.035	0.89	0.300	7.62
C1308	5	20	26/34	0.020	0.51	0.035	0.89	0.330	8.38
C1310	6	20	26/34	0.020	0.51	0.035	0.89	0.340	8.64
C1312	7	20	26/34	0.020	0.51	0.035	0.89	0.355	9.02
C1313	8	20	26/34	0.020	0.51	0.035	0.89	0.385	9.78

Color Code Chart

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	5	Blue
2	White	6	Brown
3	Red	7	Yellow
4	Green	8	Orange

Product Construction:

Conductor:

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

Insulation:

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

Shield:

- 80% tinned copper braid

Jacket:

- Rubber, black
- Temperature range: -20°C to +60°C

Applications:

- Control circuits
- Broadcast and studio applications
- Audio interconnects
- Suggested voltage rating: 300 volts

Features:

- Impact- and abrasion-resistant
- Stranded conductors for superior flexibility

Compliances:

- RoHS Compliant Directive 2002/95/EC

Packaging:

- Please contact Customer Service for packaging and color options