

Multi-Paired, Foil/Braid Shield, Lo-Cap®

UL 2960, NEC Type CL2

Product Construction:

Conductor:

- 28 AWG fully annealed stranded tinned copper per ASTM B-33
- Twisted pairs

Insulation:

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

Shield:

- 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing out
- Stranded tinned copper drain wire
- 90% tinned copper braid

Jacket:

- PVC, gray
- Temperature range: -20°C to +75°C

Applications:

- Computers
- Industrial equipment
- Data transmission
- Control circuits
- Low capacitance requirements
- Suitable for EIA RS-232 applications
- Suitable for EIA RS-422 applications
- Suggested voltage rating: 30 volts

Features:

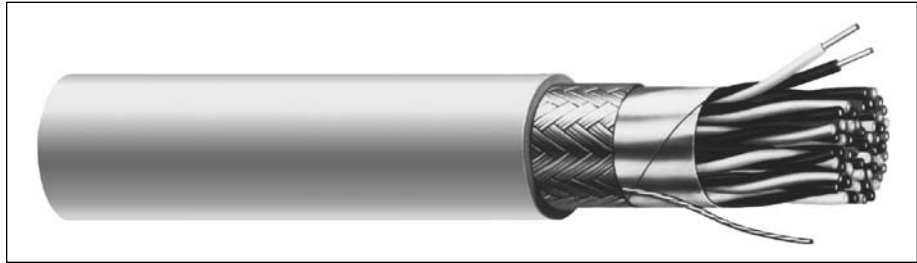
- Braid shield provides good flexibility
- Superior shielding where noise rejection is critical
- Assists system designers in meeting FCC Docket 20789 demands

Compliances:

- NEC Article 725 Type CL2 (UL: 75°C)
- UL Style 2960 (UL: 60°C, 30V)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test

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.		NOMINAL DCR Ω/kft		VEL. OF PROP., %	NOM. IMP., Ω	NOMINAL CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	COND.	SHLD.			A	B
C0804A	2	28	7/36	0.009	0.23	0.032	0.81	0.194	4.93	67.5	4.0	66	100	14.8	26.6
C0805A	3	28	7/36	0.009	0.23	0.032	0.81	0.194	4.93	67.5	4.2	66	100	14.0	25.3
C0806A	4	28	7/36	0.009	0.23	0.032	0.81	0.211	5.36	67.5	3.3	66	100	14.0	25.3
C0807A	5	28	7/36	0.009	0.23	0.032	0.81	0.226	5.74	67.5	3.5	66	100	14.0	25.3
C0808A	7	28	7/36	0.009	0.23	0.032	0.81	0.253	6.43	67.5	2.9	66	100	13.1	23.5
C0809A	9	28	7/36	0.009	0.23	0.032	0.81	0.286	7.26	67.5	2.9	66	100	13.1	23.5
C0810A	10	28	7/36	0.009	0.23	0.032	0.81	0.285	7.24	67.5	2.9	66	100	13.1	23.5
C0812A	12	28	7/36	0.009	0.23	0.032	0.81	0.294	7.47	67.5	3.3	66	100	13.1	23.5

*A – Capacitance between conductors

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

Color Code Chart

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black paired with Red	7	Black paired with Orange
2	Black paired with White	8	Red paired with White
3	Black paired with Green	9	Red paired with Green
4	Black paired with Blue	10	Red paired with Blue
5	Black paired with Yellow	11	Red paired with Yellow
6	Black paired with Brown	12	Red paired with Brown