



Communications Circuits Voice & Data Cables



CATEGORY 3 – TYPE CMP

- CONSTRUCTION:** 24 AWG SOLID BARE COPPER, LOW SMOKE FR-PVC INSULATION, POLYESTER RIP CORD, LOW SMOKE FR PVC JACKET. EACH PAIR HAS DIFFERENT LAY LENGTHS FOR CROSS-TALK PREVENTION.
- APPLICATIONS:** DESIGNED FOR USE IN DATA AND ANALOG & DIGITAL VOICE APPLICATIONS, AND FOR USE IN BACKBONE CABLING SYSTEMS AS DESCRIBED IN ANSI/TIA/EIA 568-B.2
- COMPLIANCE:** UL TYPE CMP, C (UL) CMP, IEEE 802.3, 10 Base T, ANSI/TIA/EIA 568-B.2 (CATEGORY 3), FLAME RATING NFPA 262,CMP
- PRINT:** E118871 24 AWG TYPE CMP (UL) C (UL) IEEE 802.3 10 BASE T ANSI/TIA/EIA 568-B.2 CATEGORY 3 MADE IN USA SEQUENTIAL FOOTAGE MARKINGS
- OPTIONS AVAILABLE:** VARIOUS JACKET COLORS & PACKAGING OPTIONS - CONSULT FACTORY FOR OTHER CONSTRUCTIONS

CATEGORY 3 TYPE CMP – PLENUM

NUMBER OF PAIRS	NOMINAL O.D. INCHES	JACKET COLOR	NET WEIGHT PER MFT	TAPPAN SPEC #
2	0.156	WHITE	12	119991.1
3	0.167	WHITE	16	119987.1
4 *	0.182	WHITE	21	119989.1
4 *	0.182	GRAY	21	119989.2
4 *	0.182	BLUE	21	119989.3
4 *	0.182	YELLOW	21	119989.4
6	0.211	WHITE	28	119992.1
8	0.232	WHITE	36	119993.1
12	0.275	WHITE	52	119994.1
25	0.377	WHITE	102	119985.1
50	0.580	WHITE	224	190004.1
100	0.840	WHITE	450	190005.1
200	1.100	WHITE	852	190006.1

Weights and dimensions are nominal and are subject to applicable industry tolerances.

*VERIFIED - PRINT LEGEND WILL INCLUDE ETL VERIFIED TO ANSI TIA/EIA 568-B.2

PR # COLOR CODE -Tip / Ring

1 - White-Blue & Blue-White	14- Black-Brown & Brown-Black
2 - White-Orange & Orange-White	15- Black-Gray & Gray-Black
3 - White-Green & Green-White	16- Yellow-Blue & Blue-Yellow
4 - White-Brown & Brown-White	17- Yellow-Orange & Orange-Yellow
5 - White-Gray & Gray-White	18- Yellow-Green & Green-Yellow
6 - Red-Blue & Blue-Red	19- Yellow-Brown & Brown-Yellow
7 - Red-Orange & Orange-Red	20- Yellow-Gray & Gray-Yellow
8 - Red-Green & Green-Red	21- Violet-Blue & Blue-Violet
9 - Red-Brown & Brown-Red	22- Violet-Orange & Orange-Violet
10- Red-Gray & Gray-Red	23- Violet-Green & Green-Violet
11- Black-Blue & Blue-Black	24- Violet-Brown & Brown-Violet
12- Black-Orange & Orange-Black	25- Violet-Gray & Gray-Violet
13- Black-Green & Green-Black	

Electrical Performance Data

Frequency	Max Attenuation (dB/100m)	Near-End Crosstalk (dB (min))
.256 kHz	1.3	n/a
.512 kHz	1.8	n/a
.772 kHz	2.2	43
1MHz	2.6	41
4 MHz	5.6	32
8 MHz	8.5	27
10 MHz	9.7	26
16 MHz	13.1	23



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- APPLICATIONS:** DESIGNED FOR USE IN DATA AND ANALOG & DIGITAL VOICE APPLICATIONS, AND FOR USE IN BACKBONE CABLING SYSTEMS AS DESCRIBED IN ANSI/TIA/EIA 568-B.2
- COMPLIANCE:** UL TYPE CMR, C (UL) CMG, IEEE 802.3, 10 Base T, ANSI/TIA/EIA 568-B.2 (CATEGORY 3) FLAME RATING UL 1666
- PRINT:** E118871 24 AWG TYPE CMR (UL) C (UL) CMG IEEE 802.3 10 BASE T ANSI/TIA/EIA 568-B.2 CATEGORY 3 MADE IN USA SEQUENTIAL FOOTAGE MARKINGS
- OPTIONS AVAILABLE:** VARIOUS JACKET COLORS & PACKAGING OPTIONS, CONSULT FACTORY FOR OTHER CONSTRUCTIONS

CATEGORY 3 TYPE CMR – RISER

NUMBER OF PAIRS	NOMINAL O.D. INCHES	JACKET COLOR	NET WEIGHT PER MFT	TAPPAN SPEC #
2	0.157	BLUE	12	119998.1
2	0.157	BEIGE	12	119998.2
2	0.157	GRAY	12	119998.3
2	0.157	WHITE	12	119998.4
3	0.168	BLUE	16	119988.1
3	0.168	BEIGE	16	119988.2
3	0.168	GRAY	16	119988.3
4*	0.191	BLUE	21	119990.1
4*	0.191	BEIGE	21	119990.2
4*	0.191	GRAY	21	119990.3
4*	0.191	WHITE	21	119990.4
6	0.219	BLUE	29	119997.1
6	0.219	BEIGE	29	119997.2
6	0.219	GRAY	29	119997.3
8	0.239	BLUE	37	119996.1
12	0.280	BLUE	52	119995.1
12	0.280	BEIGE	52	119995.2
12	0.280	GRAY	52	119995.3
25	0.375	BEIGE	99	119986.2
25	0.375	GRAY	99	119986.3
50	0.560	BEIGE	219	190001.2
50	0.560	GRAY	219	190001.3
100	0.770	GRAY	393	190002.3
200	1.080	GRAY	744	190003.3

Weights and dimensions are nominal and are subject to applicable industry tolerances.

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PR # COLOR CODE -Tip / Ring

- 1 - White-Blue & Blue-White
- 2 - White-Orange & Orange-White
- 3 - White-Green & Green-White
- 4 - White-Brown & Brown-White
- 5 - White-Gray & Gray-White
- 6 - Red-Blue & Blue-Red
- 7 - Red-Orange & Orange-Red
- 8 - Red-Green & Green-Red
- 9 - Red-Brown & Brown-Red
- 10 - Red-Gray & Gray-Red
- 11 - Black-Blue & Blue-Black
- 12 - Black-Orange & Orange-Black
- 13 - Black-Green & Green-Black
- 14 - Black-Brown & Brown-Black
- 15 - Black-Gray & Gray-Black
- 16 - Yellow-Blue & Blue-Yellow
- 17 - Yellow-Orange & Orange-Yellow
- 18 - Yellow-Green & Green-Yellow
- 19 - Yellow-Brown & Brown-Yellow
- 20 - Yellow-Gray & Gray-Yellow
- 21 - Violet-Blue & Blue-Violet
- 22 - Violet-Orange & Orange-Violet
- 23 - Violet-Green & Green-Violet
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- 25 - Violet-Gray & Gray-Violet

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