

CATEGORY 5E PLENUM COMMUNICATIONS CABLES

UL LISTED TYPE MPP/CMP, c(UL) CMP, ANSI/TIA/EIA-568-A-5, NEC ARTICLE 800 - 300 VOLT

Construction

- Solid Bare Copper Conductors.
- Color Coded FEP Insulation.
- Twisted Pairs Are Cabled.
- UL NFPA-262 Steiner Tunnel Smoke & Flame Test.
- Plenum Low Smoke PVC Jacket.
- Meets Cat 5e Electrical Requirements.
- Multi-Pair **Unshielded**.
- Maximum Operating Temperature: 60°C.
- **Tested to 350 MHz.**
- **FT-6 Verified**
- ROHS.



CUSTOM CATALOG NUMBER	SIZE	NUMBER OF PAIRS	JACKET COLOR	NOMINAL O.D.	NOMINAL WEIGHT
	AWG/MCM			INCHES	PER M. FT.
35401	24	4	Blue	0.185	19

California State Fire Marshal Approved.

Also Available: Yellow, White, Orange, Green, Gray, Pink.

FREQ. (MHz)	ATTN. (dB/100m) Max.	NEXT Loss (dB) Min.	PSNEXT Loss (dB) Min.	ACR (dB @ 100m) Min.	PSACR (dB @ 100m) Min.	ELFEXT (dB @ 100m) Min.	PSELFEXT (dB @ 100m) Min.	RET. LOSS (dB) Max.
1	2.0	65.3	62.5	63.3	60.3	63.8	60.8	20.0
10	6.5	50.3	47.3	43.8	40.8	43.8	40.8	25.0
16	8.2	47.3	44.3	39.1	36.1	39.7	36.7	25.0
20	9.3	45.8	42.8	36.5	33.5	37.7	34.7	25.0
31.25	11.7	42.9	39.9	31.2	28.2	33.9	30.9	23.6
62.5	17.0	38.4	35.4	21.4	18.4	27.8	24.8	21.5
100	22.0	35.3	32.3	13.3	10.3	23.8	20.8	20.1

Specification Value

Mutual Capacitance: (nF/100m) Nominal	4.4
DC Resistance: (Ohms/100m @ 20°C) Max	8.9
Delay Skew: (ns/100m) Max	45
Velocity of Propagation: Non-Plenum (5):	70
Plenum (%):	72
Input Impedance: (Ohms @ 1-100 MHz)	100 +/- 15

PAIR COLORS: White & blue; white & orange; white & green; white & brown.

JACKET COLORS: Blue, yellow, orange, green, grey, natural, pink.

CATEGORY 5E SHIELDED PLENUM COMMUNICATIONS CABLES

UL LISTED PLENUM CMP, c(UL) CMP, ANSI/TIA/EIA-568-B-2, NEC ARTICLE 800 - 300 VOLT

Construction

- Solid Bare Copper Conductors.
- Color Coded FEP Insulation.
- Twisted Pairs are Cabled.
- **Overall Aluminum/Polyester Shield and Drain Wire.**
- Low Smoke PVC Plenum Jacket.
- Meets Cat 5e Electrical Requirements.
- **Tested to 100 MHz.**
- Maximum Operating Temperature: 75°C.
- Maximum voltage: 300 Volts.
- ROHS

CUSTOM CATALOG NUMBER	AWG	NO. OF PAIRS	JACKET COLOR	NOMINAL O.D.	APPROX. WT. PER M. FT.
35411	24	4	White	.213	32

California State Fire Marshal Approved.



JACKET COLORS: White, blue, grey, pink.

MUTUAL CAP: 14 PF/FT.

Custom Cable Corp.



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