

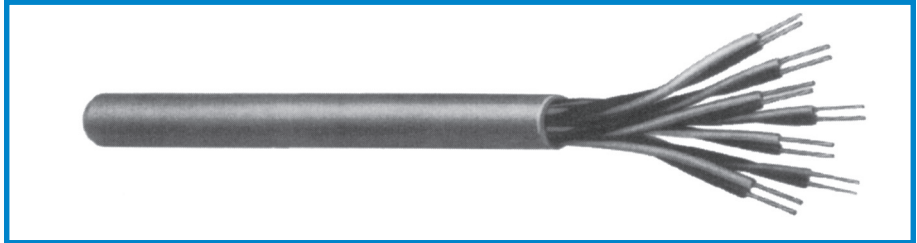
CATEGORY 3 RISER COMMUNICATIONS CABLES

UL LISTED TYPE MPR/CMR, c(UL) CMG, NEC ARTICLE 800 - 300 VOLT

California State Fire Marshal Approved

Construction

- Solid Bare Copper Conductors.
- Band Marked PVC Insulation.
- Ripcord for Easy Jacket Stripping.
- Gray PVC Jacket.
- Meets Cat 3 Electrical Requirements.
- Maximum Operating Temperature: 80°C.
- "CMR"



MULTI-PAIR UNSHIELDED

CUSTOM CATALOG NUMBER	SIZE	NUMBER OF PAIRS	NOMINAL O.D.	APPROX. WEIGHT
	AWG/MCM		INCHES	LBS./MFT.
33250	24 SOLID	2 [†]	.130	10
33251	24 SOLID	3	.140	16
33252	24 SOLID	4 [*]	.152	19
33253	24 SOLID	6	.185	28
33254	24 SOLID	12	.240	49
33255	24 SOLID	25	.345	95
33256	24 SOLID	50	.450	190
33257	24 SOLID	100	.650	360
33258	24 SOLID	200	.870	705
33259	24 SOLID	300	1.270	1055
33270	22 SOLID	2	.150	14
33271	22 SOLID	3	.160	20
33272	22 SOLID	4	.180	28
33273	22 SOLID	6	.225	40
33274	22 SOLID	12	.290	70
33275	22 SOLID	25	.400	140
33276	22 SOLID	50	.610	280
33277	22 SOLID	100	.820	530

† CMR Only

* ETL Verified 4PR Only

Conductor Type: 22 & 24 AWG Solid Bare Copper
Max DC Resistance: 28.6 OHMS/1000 ft.

	1 MHz	4 Mhz	10 MHz	16 MHz
Impedance: (OHMS)	85-115	85-115	85-115	85-115
Attenuation: (dB/1000 ft. Max.)	7.8	17	30	40
*Next (dB/1000 ft. Min.)	41	32	26	23
Mutual Capacitance (MAX): 20 pF/ft.				



Typical Electrical Performance in 12-100 Pair Cables

Levels	Impedance	Attenuation (dB/1000 ft.)
1	N/A	N/A
2	90 OHMS (+/-) 15%	10 dB @ 1 MHz
3	100 OHMS (+/-) 15%	8.2 dB @ 1 MHz
		30 dB @ 10 MHz

Put-ups: 1000' Reels

Custom Cable Corp.

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