

**CATEGORY 5
UNSHIELDED**



CONSTRUCTION:

- Bare Copper Conductors
- Polyolefin Insulation
- Conductors Paired with Staggered Short Lay
- Flame Retardant PVC Jacket
- Jacket Colors: Blue, Grey

SPECIFICATIONS:

- UL 444
- NEC 800, Type CM, CMR
- EIA/TIA TSB-568A
- CSA C22.2 No. 214
- UL Verified to Category 5
- NEMA (Low Loss Extended Frequency)
- IEEE 802.3
- IEEE 802.5 Token Ring

PACKAGING:

- 1000 Ft.
- 500 Ft.

UL LISTED NEC TYPE CM, CMR

CATALOG NO.	UL LISTING	NO. OF PAIRS	CONDUCTOR AWG (STRAND)	NOMINAL O.D.	NOMINAL D.C.R. (OHMS/M')	NOMINAL CAPACITANCE (pF/FT)
1804	CM	4	24 (SOLID)	.210	28.6	17
1805	CMR	4	24 (SOLID)	.210	28.6	17

ELECTRICAL CHARACTERISTICS

FREQUENCY (MHz)	MAXIMUM ATTENUATION (db/1000 Ft.)	CHARACTERISTIC IMPEDANCE (OHMS)	WORST PAIR NEXT (db)	STRUCTURAL RETURN LOSS (db)
.772	1.8	102 ± 15%	64	—
1	2.0	100 ± 15%	62	23
4	4.1	100 ± 15%	53	23
8	5.8	100 ± 15%	48	23
10	6.5	100 ± 15%	47	23
16	8.2	100 ± 15%	44	23
20	9.3	100 ± 15%	42	23
25	10.4	100 ± 15%	41	22
31.25	11.7	100 ± 15%	39	21
62.50	17.0	100 ± 15%	35	18
100	22.0	100 ± 15%	32	16

COLOR CODE

PAIR NO.	CONDUCTOR NO. 1 BASE	CONDUCTOR NO. 2 BASE/BAND
1	BLUE	WHITE/BLUE
2	ORANGE	WHITE/ORANGE
3	GREEN	WHITE/GREEN
4	BROWN	WHITE/BROWN