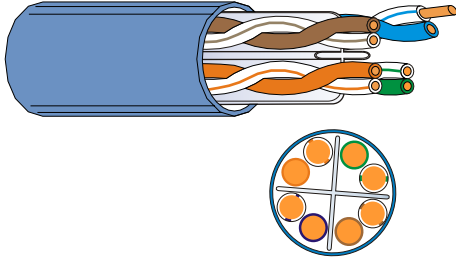


INDOOR CABLE CATEGORY 6



DESCRIPTION:

- 23 gauge solid bare copper conductor
- Polyethylene insulation
- Insulated conductors twisted into pairs
- PVC Jacket
- Polyethylene crossweb to separate the pairs
- CMR or CM

FEATURES:

Category 6 verified and UL and ETL listed, intended for horizontal installation.

Standard put-ups are 1000 foot reels or reel-in-a-box.

SPECIFICATIONS:

NEC 800 UL-444 **RoHS**
ANSI/EIA/TIA 568-B.2-1

Product Code	Number of Pairs	Overall Diameter	Net Weight Lb/mft	Jacket Thickness	Insulation Thickness
664466	4	0.244"	26	0.017"	0.009"

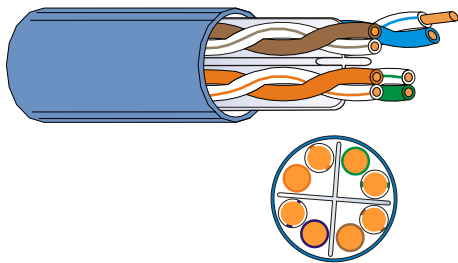
Conductor Resistance d.c. Maximum @ 20°C	Mutual Capacitance pf/ft	Characteristic Impedance Ω	Delay Skew Maximum ns	Return Loss Minimal (fin MHz) dB
26 Ω/ft	16.8	100 ± 15 (1 - 100 MHz)	45	25 (20 > f)
		100 ± 22 (100 - 200 MHz)		25 - 7 log(f/20) (100 ≥ f > 20)
		100 ± 32 (200 to 250 MHz)		

Transmission Characteristics			
Frequency MHz	Maximum Attenuation dB/100 m	Minimum NEXT Loss dB/100 m	Minimum FEXT Loss dB/100 m
10	6.0	57.3	44.8
16	7.7	54.2	40.7
31	10.7	50.0	34.9
100	19.8	42.3	24.8
200	29.0	37.8	18.8
250	32.8	36.3	16.8
350*	38.5*	34.0*	12.3*

*Typical values, there are no specified values at this frequency in the specification

INDOOR CABLE CATEGORY 6 PLENUM

*All values are nominal, and subject to manufacturing tolerances.



DESCRIPTION:

- 23 gauge solid bare copper conductor
- FEP insulation
- Insulated conductors twisted into pairs
- Plenum rated PVC Jacket
- Polyethylene crossweb to separate the pairs
- CMR or CM

FEATURES:

Category 6 verified and UL and ETL listed, intended for horizontal installation.

Standard put-ups are 1000 foot reels or reel-in-a-box.

SPECIFICATIONS:

ISO/IEC 11801 (2002) UL-444: MPP
ANSI/EIA/TIA 568-B.2-1 NEMA WC 66
RoHS

Product Code	Number of Pairs	Overall Diameter	Net Weight Lb/mft	Jacket Thickness
664866	4	0.232"	30	0.014"

Conductor Resistance d.c. Maximum @ 20°C	Mutual Capacitance pf/ft	Characteristic Impedance Ω	Delay Skew Maximum ns	Return Loss Minimal (fin MHz) dB
26 Ω/ft	16.8	100 ± 15 (1 - 100 MHz)	45	25 (20 > f)
		100 ± 22 (100 - 200 MHz)		25 - 7 log(f/20) (100 ≥ f > 20)
		100 ± 32 (200 to 250 MHz)		

Transmission Characteristics			
Frequency MHz	Maximum Attenuation dB/100 m	Minimum NEXT Loss dB/100 m	Minimum FEXT Loss dB/100 m
10	6.0	57.3	44.8
16	7.7	54.2	40.7
31	10.7	50.0	34.9
100	19.8	42.3	24.8
200	29.0	37.8	18.8
250	32.8	36.3	16.8
350*	40.5*	34.0*	14.5*
400*	43.1*	32.0*	12.0*

*Typical values, there are no specified values at this frequency in the specification