

# Category 3 Cables

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As your one-stop resource, General Cable provides a comprehensive line of Category 3 wiring products. General Cable offers a mix of quality plenum, riser and multi-dwelling residential cables designed for sophisticated voice and data systems.

General Cable's **Category 3 Plenum** Cable is installed in a building's return air plenums for both convenience and aesthetics. **Category 3 Riser** Cable is ideal for installation in vertical riser and general horizontal applications. Available from 2 to 300 pair counts, Category 3 Plenum and Riser Cables meet all your Power Sum NEXT backbone voice transmission requirements.

All General Cable's Category Cables meet applicable TIA/EIA 568 C.2 safety standards. Each safety-listed cable meets the Canadian Standards Association (CSA) and the National Electric Code (NEC) requirements. Independent third-party testing further confirms the quality and performance of all cables.

Dual listed for **CMX Outdoor-CMR**, General Cable's Category 3 station wire withstands and operates at the low temperatures found in colder regions, down to -40°C without jacket cracking.

Available in various jacket colors and pair counts, General Cable's category cables meet installers' needs for virtually every application. Fabricated in state-of-the-art facilities, these cables are backed by years of technical expertise and are guaranteed to meet your expectations.

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# Category 3 Plenum



PRODUCT NUMBER	PAIRS	JACKET COLOR	PKG	O.D. (INCHES)	WEIGHT (LBS/KFT)
<b>Flexguard® Flame-Retardant PVC Jacket</b>					
2131243	2	White	PP	0.13	10
2131244	3	White	PP	0.15	13
2131245	4	White	PP	0.17	17
2131313	4	Gray	PP	0.17	17
2131453	4	Blue	PP	0.17	17
2131463	4	Green	PP	0.17	17
2131246	6	White	PP	0.18	24
2131250	6	White	SP	0.18	24
2131505	25	White	RL	0.42	102
2131505.99	25	White	POL	0.42	102

Data subject to change without notice.

## Product Construction

### Conductors:

- 24 AWG solid bare annealed copper

### Insulation:

- Flame-retardant semi-rigid PVC

### Color Code:

- See Color Code Chart on page 97

### Rip Cord:

- Applied longitudinally under jacket (except 3 and 4 pair)

### Jacket:

- Flexguard® flame-retardant PVC
- Sequential footage markings

## Packaging

- 1000' Pull-Pac® (PP)
- 1000' spool (SP)
- 1000' Spool-Pac® (SPC)
- 1000' reel (RL)
- Per order length (POL)

## Applications

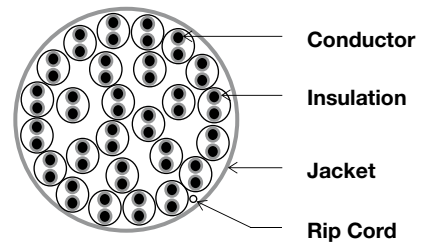
- IEEE 802.3: 10 BASE-T
- IEEE 802.12: 100 BaseVG
- Token Ring, ATM
- T1
- Voice

## Compliances

- ANSI/TIA 568-C.2
- NEC/CEC Type CMP (NFPA 262) for Plenum
- UL 444
- RoHS Compliant Directive 2011/65/EU
- ICEA S-90-661

## Electrical Characteristics

	24 AWG	Frequency	Insertion Loss dB/100 m (max)	Power Sum Near-End Crosstalk dB (min)
<b>DC Resistance (max)</b> Ohms/100 m (328 ft) @ 20°C	9.38	772 kHz	2.2	43
<b>Mutual Capacitance (max)</b> pF/ft @ 1 kHz	17	1 MHz	2.6	41
<b>Characteristic Impedance</b> Frequency (f): 1.0-16.0 MHz	Ohms 100 ± 15	4 MHz	5.6	32
<b>Structural Return Loss (SRL)</b> Frequency (f): 1.0-10.0 MHz	dB (min) 12	8 MHz	8.5	27
	12-10 log (f/10)	10 MHz	9.7	26
		16 MHz	13.1	23



## Physical Data

	CMP (Plenum)
Temperature Rating (°C)	
Installation:	0 to +60
Operation:	-20 to +75



4 Pair  
25 Pair



RoHS Compliant  
Directive 2011/65/EU

