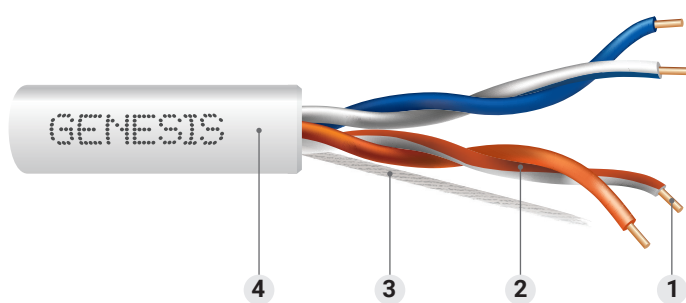


# Category 3 Cable Riser

# -GENESIS-

Genesis Category 3 Cables support crystal clear transmission for basic voice and data applications.



## Construction

- 1. Conductor:** Bare Copper conductors for excellent signal transmission and low voltage drop
- 2. Insulation:** Polypropylene
- 3. Rip Cord:** Durable rip cord for efficient jacket stripping and removal
- 4. Jacket:** PVC  
Countdown® Length Markings for easy tracking of usage and remaining cable

## Applications

Installed in a metal raceway that complies with 300.22(B)

Supported by solid bottom metal cable trays with solid metal covers

In risers

Within buildings in other than air-handling spaces and risers

Exposed to sunlight

## Specifications

UL 1666 – Riser Rated

CSA C22.2 No. 2556 – FT4 Rated

UL 444 – Communication Cables, Type CMR

UL 13 – Power-Limited Circuit Cables, Type CL2R



Sunlight Resistant Rated

REACH/RoHS Compliant

Rated for 300 Volts

Rated for -20°C to 60°C

Conductor Color Codes: Category Cable

Pair Number	Color
1	Blue/Blue+White 
2	Orange/Orange+White 

## Sample Print Legend

GENESIS CATLINK CAT 3 P/N 5031 2PR 24 AWG 3038058 (ETL) CL2R OR CMR C(ETL)US FT4 SUN RES  
75C ETL VERIFIED ANSI/TIA-568.2-D (RoHS) W/O #XXXXXX-XXXXXX XXXX FT PORT/ROOM A B C D E F 1 2 3 4 5 6 7 8 9

**Category 3 Cable, Riser**

Part Number	Conductor Size (AWG)	Number of Conductors	Stranding	Nominal Diameter (in)	DC Resistance (Ohms/100m at 20°C)	Capacitance (nF/100m)
5031	24	4 (2 pairs)	Solid	0.15	9.38	5.6

**ETL Verified to TIA-568.2-D Cat 3. Sweep tested to 32 MHz**

Frequency (MHz)	Insertion Loss Maximum (dB/100m)	NEXT Minimum (dB/100m)	PSNEXT Minimum (dB/100m)	Return Loss Minimum (dB/100m)
0.772	2.2	43	NA	NA
1	2.6	41	100 +/- 15	12
4	5.6	32	100 +/- 15	12
8	8.5	27	100 +/- 15	12
10	9.7	26	100 +/- 15	12
16	13.1	23	100 +/- 15	10

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