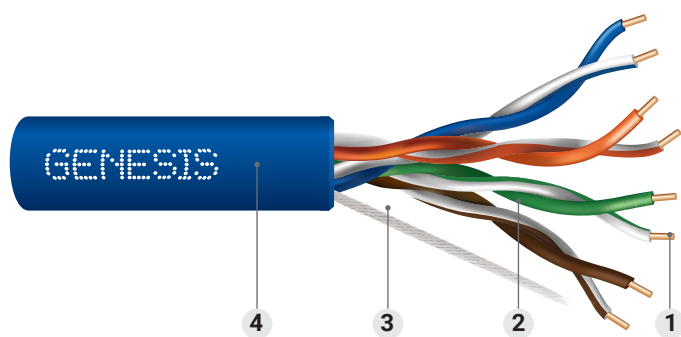


Category 5e Cable Riser

-GENESIS-

Genesis Category 5e Cables offer the ideal choice for basic voice and data networks in residential and light commercial buildings.



Construction

- 1. Conductor:** Bare Copper conductors for excellent signal transmission and low voltage drop
- 2. Insulation:** Polypropylene or Polyethylene
- 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

UL 444 – Communication Cables, Type CMR

Sunlight Resistant Rated

REACH/RoHS Compliant

TIA-568.2-D Category 5e

Rated for 300 Volts

Rated for -20°C to 75°C

Conductor Color Codes: Category Cable

Pair Number	Color
1	Blue/Blue+White
2	Orange/Orange+White
3	Green/Green+White
4	Brown/Brown+White

Sample Print Legend

GENESIS P/N 5078 4PR24 CAT 5E E175104-1 (UL) CMR C(UL)US FT4 SUN RES 75C (RoHS)
ETL VERIFIED TO TIA-568.2-D CAT 5E XXXXXXXX YYYYFT RM# A B C D E F 1 2 3 4 5 6 7 8 9

Category 5e Cable, Riser						
Part Number	Conductor Size (AWG)	Number of Conductors	Stranding	Nominal Diameter (in)	DC Resistance (Ohms/100m at 20°C)	Capacitance (nF/100m)
5078	24	8 (4 pairs)	Solid	0.200	9.38	5.6

ETL Verified to TIA-568.2-D Cat 5e. Sweep tested to 350 MHz				
Frequency (MHz)	Insertion Loss Maximum (dB/100m)	NEXT Minimum (dB/100m)	PSNEXT Minimum (dB/100m)	Return Loss Minimum (dB/100m)
1	2.0	65.3	62.3	20.0
4	4.1	56.3	53.3	23.0
8	5.8	51.8	48.8	24.5
10	6.5	50.3	47.3	25.0
16	8.2	47.2	44.2	25.0
20	9.3	45.8	42.8	25.0
25	10.4	44.3	41.3	24.3
31.25	11.7	42.9	39.9	23.6
62.5	17.0	38.4	35.4	21.5
100	22.0	35.3	32.3	20.1
155	28.1	32.4	29.4	18.8
200	32.4	30.8	27.8	18.0
250	36.9	29.3	26.3	17.3
300	41.0	28.1	25.1	16.8
350	44.9	27.1	24.1	16.3

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-GENESIS-