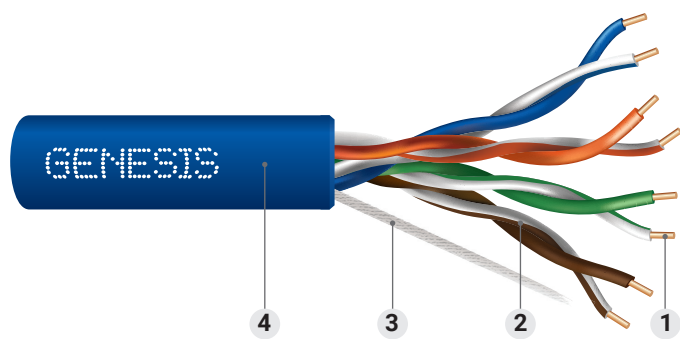


Category 6 Cable Riser

-GENESIS-

Genesis Category 6 Cables offer the ideal choice for high-performance voice and data networks in residential and 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

CSA C22.2 No. 2556 – FT4 Rated

UL 444 – Communication Cables, Type CMR

Sunlight Resistant Rated





REACH/RoHS Compliant

TIA-568.2-D Category 6A

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 6360 4PR23 CAT 6 E175104-1 (UL) CMR C(UL)US FT4 SUN RES 75C (RoHS)
ETL VERIFIED TO TIA-568.2-D CAT 6 XXXXXXXX YYYY FT RM# A B C D E F 1 2 3 4 5 6 7 8 9

Category 6 Cable, Riser

Part Number	Conductor Size (AWG)	Number of Conductors	Stranding	Nominal Diameter (in)	DC Resistance (Ohms/100m at 20°C)	Capacitance (nF/100m)
6360	23	8 (4 pairs)	Solid	0.205	9.38	5.6

ETL Verified to TIA-568.2-D Cat 6. Sweep tested to 400 MHz

Frequency (MHz)	Insertion Loss Maximum (dB/100m)	NEXT Minimum (dB/100m)	PSNEXT Minimum (dB/100m)	Return Loss Minimum (dB/100m)
1	2.0	74.3	72.3	20.0
4	3.8	65.3	63.3	23.0
8	5.3	60.8	58.8	24.5
10	6.0	59.3	57.3	25.0
16	7.6	56.2	54.2	25.0
20	8.5	54.8	52.8	25.0
25	9.5	53.3	51.3	24.3
31.25	10.7	51.9	49.9	23.6
62.5	15.4	47.4	45.4	21.5
100	19.8	44.3	42.3	20.1
155	25.2	41.4	39.4	18.8
200	29.0	39.8	37.8	18.0
250	32.8	38.3	36.3	17.3
300	36.4	37.1	35.1	16.8
350	39.8	36.1	34.1	16.3
400	43.0	35.3	33.3	15.9

Genesis Cable
 7701 95th Street
 Pleasant Prairie, WI 53158
 Office: 800.222.0060
 www.genescable.com



-GENESIS-