Southwire®

-GENESIS-

Limited-Energy Cable

Category 3 Cable

RISER

300V (max) Operating Voltage

-20°C 60°C Operating Temperature

Sunlight Resistant

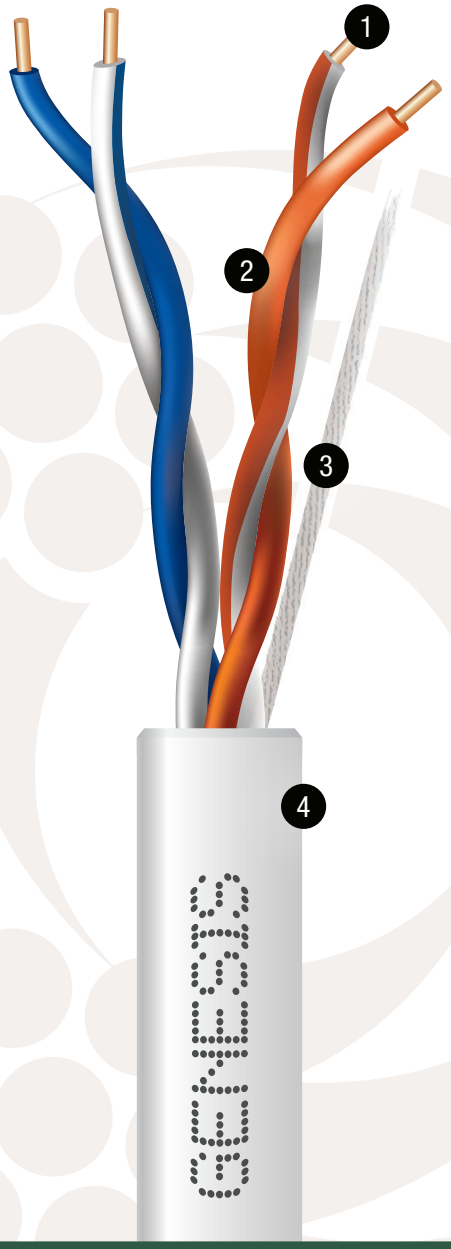
RoHS Compliant

cETLus Listed

APPLICATIONS

Genesis Category 3 Cable supports crystal clear transmission for basic voice and data 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

Genesis Category 3 Cable meets or exceeds the following 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

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

CONDUCTOR COLORS BY NUMBER OF PAIRS	
Pair 1: Blue & Blue/White	Pair 2: Orange & Orange/White

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CATEGORY 3 CABLE, RISER

AWG	NUMBER OF PAIRS	SOLID / STRANDED	CENTER SPLINE	SHIELDED / UNSHIELDED	NOMINAL O.D. (in.)	PRODUCT NUMBER
24	2	Solid	No	Unshielded	0.150	5031

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

SAMPLE PRINT LEGEND

GENESIS 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

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