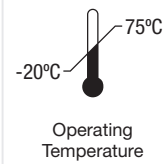


-GENESIS-

Limited-Energy Cable

Category 5e Cable PLENUM



APPLICATIONS

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

- In fabricated ducts as described in NEC 300.22(B)
- In other spaces used for environmental air as described in NEC 300.22(C)
- In risers
- Within buildings in other than air-handling spaces and risers





SPECIFICATIONS

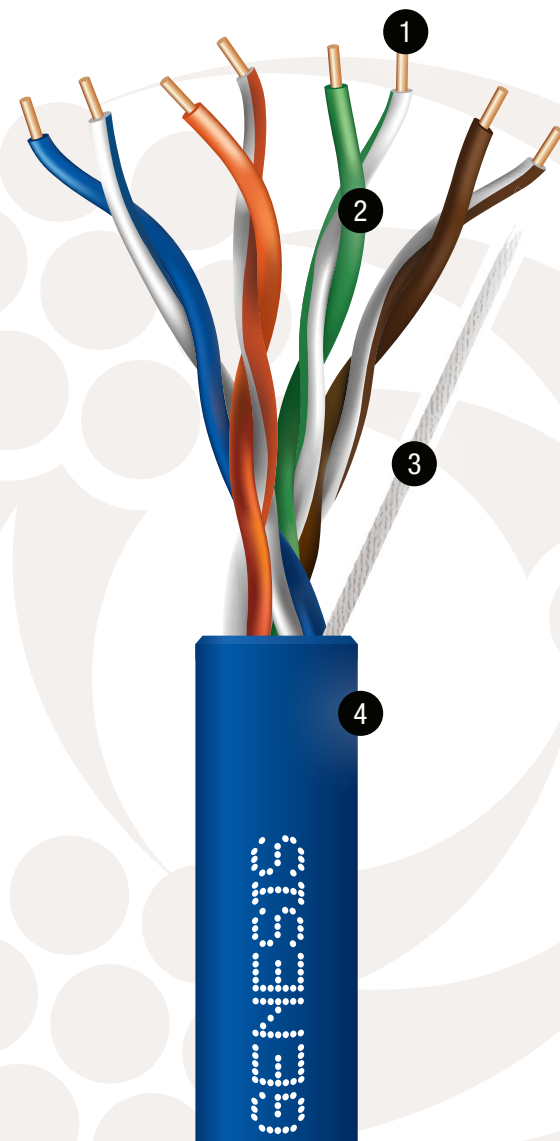
Genesis Category 5e Cable meets or exceeds the following specifications:

- NFPA 262 – Plenum Rated
- CSA C22.2 No. 2556 – FT6 Rated
- UL 444 – Communication Cables, Type CMP
- TIA-568.2-D Category 5e

CONSTRUCTION

1. **Conductor:** Bare Copper conductors for excellent signal transmission and low voltage drop
2. **Insulation:** FEP
3. **Rip Cord:** Durable rip cord for efficient jacket stripping and removal
4. **Jacket:** Plenum 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 
Pair 3: Green & Green/White 	Pair 4: Brown & Brown/White 



-GENESIS-

Limited-Energy Cable

CATEGORY 5E CABLE, PLENUM

AWG	NUMBER OF PAIRS	SOLID / STRANDED	CENTER SPLINE	SHIELDED / UNSHIELDED	NOMINAL O.D. (in.)	PRODUCT NUMBER
24	4	Solid	No	Unshielded	0.200	5088

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

SAMPLE PRINT LEGEND

GENESIS P/N 5088 4PR24 CAT 5E E118871 (UL) CMP C(UL)US FT6 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