

Category 5e Indoor/Outdoor Cable

Solid Annealed Copper Conductors
Thermoplastic Insulation



APPLICATIONS

Southwire Cat 5e Indoor/Outdoor Cable may be run in plenums or may be used in the place of CMR, CMG, CM, CMX cables

SPECIFICATIONS

Southwire Cat 5e Indoor/Outdoor Cable meets the following Specifications:

- UL 444
- UL 1666
- ANSI/TIA 568-C.2
- National Electrical Code
- NFPA 262
- RoHS Compliant

CONSTRUCTION

Southwire CAT 5e Indoor/Outdoor Cable is a 4 pair cable made with soft annealed copper conductors. FEP insulation, and a FR, low smoke PVC Jacket.

Pair 1 - White, Blue, Pair 2 - White, Orange, Pair 3 - White, Green, Pair 4 - White, Brown

Category 5e Cable

Frequency MHz	Insertion Loss @ 20C Maximum dB/100 m	NEXT Minimum dB/100 m	ACR Minimum dB/100 m	PSNEXT Minimum dB/100 m	PS-ACR Minimum dB/100 m	Return Loss Minimum dB/100 m	ELFXT (ACRF) Minimum dB/100 m	PSELFEXT (PSACRF) Minimum (dB/100 m)
ELECTRICAL SPECIFICATIONS								
1	2.0	74.3	72.3	72.3	70.3	20.0	67.8	64.8
4	3.8	65.3	61.5	63.3	59.5	23.0	55.8	52.8
10	6.0	59.3	53.3	57.3	51.3	25.0	47.8	44.8
16	7.6	56.3	48.6	54.2	46.6	25.0	43.7	40.7
20	8.5	54.8	46.3	52.8	44.3	25.0	41.8	38.8
25	9.5	53.3	43.8	51.3	41.8	24.3	39.8	36.8
31.25	10.7	51.9	41.2	49.9	39.2	23.6	37.9	34.9
62.5	15.4	47.4	32.0	45.4	30.0	21.5	31.9	28.9
100	19.8	44.3	24.5	42.3	22.5	20.1	27.8	24.8

Category 5e Cable

No. Pairs	AWG	Nominal Diameter (in/mm)	Insulation	Jacket	Nominal Impedance (Ohms)	Nominal Velocity of Propagation %	Approximate Weight (lbs/kft / kg/km)
4	24	CMR: 0.18/4.6, CMP: 0.19/4.8	Thermoplastic	CMR: Flame Retardant (FRI) PVC, CMP: FR, low smoke PVC	110	CMR: 71, CMP: 74	CMR: 17/25, CMP: 20/30