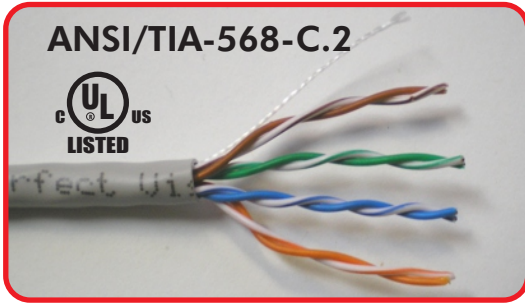


PRODUCT SPECIFICATIONS

CATEGORY 5e CABLE

PVCAT5PWHT - PVCAT5PBLU - PVCAT5PGRY - PVCAT5PBLK

PVCAT5PYEL - PVCAT5PORA - PVCAT5PPNK



Four twisted pair 24 AWG solid copper conductors with FEP insulation, for plenum use.

Suitable for VOIP and Telephony. Outer jacket is available in white, blue, gray, black, yellow, orange and pink.

UL or ETL: CMP

Electrical Characteristics:

- | | |
|---|-----------------|
| • Impedance: | 100 ± 15 Ohms |
| • Nominal Mutual Capacitance @ 1 KHz: | 49.2 pf / meter |
| • Maximum Capacitance Unbalance: | 330 pf / 100m |
| • Nominal Velocity of Propagation: | 70% |
| • Maximum Delay (ns/100m) @ 100 MHZ: | 538 |
| • Maximum Delay Skew (ns/100m): | 45 |
| • Maximum DCR Unbalance @ 20° C: | 5% |
| • Maximum Conductor DC Resistance @ 20°C: | 9.38 Ohms/100m |
| • Maximum Operating Voltage - UL: | 300 V RMS |
| • NEC/(UL) Specification: | CMP |
| • NEC Article: | 800 |

Construction Characteristics:

- | | |
|------------------------------------|---------------------------------------|
| • Number of Pairs: | 4 |
| • Total Number of Conductors: | 8 |
| • AWG: | 24 |
| • Conductor Stranding: | Solid |
| • Conductor Material: | BC-Bare Copper |
| • Insulation Material: | FEP |
| • Outer Jacket Material: | LS PVC - Low Smoke Polyvinyl Chloride |
| • Outer Jacket Ripcord: | Yes |
| • Bulk Cable Weight: | 20 lbs/1000 ft |
| • Max Recommended Pulling Tension: | 35 lbs |
| • Min. Bend Radius (install): | 0.5" |
| • Operating Temperature Range: | -20°C to +60°C |

Ordering Information:

Color	Part No.	Package
White	PVCAT5PWHT	Ez Pull Box
Blue	PVCAT5PBLU	Ez Pull Box
Grey	PVCAT5PGRY	Ez Pull Box
Black	PVCAT5PBLK	Ez Pull Box
Yellow	PVCAT5PYEL	Ez Pull Box
Orange	PVCAT5PORA	Ez Pull Box
Pink	PVCAT5PPNK	Ez Pull Box

Frequency (Mhz)	Max. Attenuation (dB/100m)	Min. Return Loss (dB)	Min. Next (dB)
1.0	2.0	20.0	65.3
10	6.5	25.0	50.3
30	11.7	23.6	42.9
60	17.0	21.5	38.4
100	22.0	20.1	35.3
200	32.4	15.0	30.8