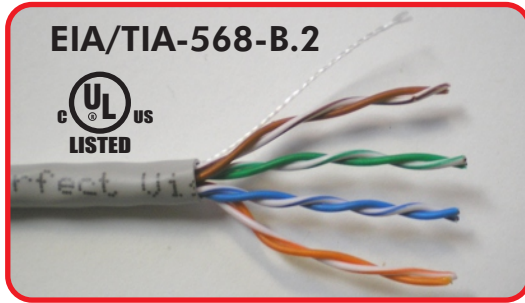


# PRODUCT SPECIFICATIONS

## CATEGORY 5e CABLE

PVCAT5WHT - PVCAT5BLU - PVCAT5GRY - PVCAT5BLK



Four twisted pair 24 AWG solid copper conductors with HD-PE insulation, for non-plenum use.

Suitable for VOIP and Telephony. Outer jacket is available in white, blue, gray and black. Black is suitable for outdoor UV resistant applications.

This wire is UL approved

### Electrical Characteristics:

- Impedance: 100 ± 15 ohms
- Nominal Mutual Capacitance @ 1 KHz: 15 pf / foot
- Maximum Capacitance Unbalance: 330 pf / 100m
- Nominal Velocity of Propagation: 70%
- Maximum Delay (ns/100m) @ 100 MHZ: 538ns
- Maximum Delay Skew: 45 ns / 100m
- Maximum DCR Unbalance @ 20° C: 5%
- Maximum Conductor DC Resistance @ 20°C: 9.38 ohms/100m
- Maximum Operating Voltage - UL: 300 V RMS
- UL: CM

### Construction Characteristics:

- Number of Pairs: 4
- Total Number of Conductors: 8
- AWG: 24
- Conductor Stranding: Solid
- Conductor Material: BC-Bare Copper
- Insulation Material: HD-PE
- Outer Jacket Material: PVC-Polyvinyl Chloride
- Outer Jacket Ripcord: Yes
- Bulk Cable Weight: 29 lbs/1000 ft
- Max Recommended Pulling Tension: 35 lbs
- Min. Bend Radius (install): 0.5"
- Operating Temperature Range: -20°C to +75°C

### Ordering Information:

Color	Part No.	Package
White	PVCAT5WHT	Ez Pull Box
Blue	PVCAT5BLU	Ez Pull Box
Grey	PVCAT5GRY	Ez Pull Box
Black	PVCAT5BLK	Ez Pull Box

Frequency (Mhz)	Max. Attenuation (dB/100m)	Min. Return Loss (dB)	Min. Next (dB)
0.772	1.8	19.4	67.0
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	18.0	30.8
300	41.0	16.8	28.2
350	44.9	16.3	27.2