| CHANNEL COMPARISON | CAT6 | PERFORMANCE CHOICE CAT6 |
|---|---|---|
| INSERT LOSS (250 MHz) | 36.0 dB | 31.8 dB |
| PS-NEAR END CROSS TALK (NEXT) (250MHz) | 30.2 dB | 37.3 dB |
| RETURN LOSS (250MHz) | 8.0 dB | 14.3 dB |
| POSITIVE PS-ACR (250MHz) | NO | 3.5 dB |
| MAXIMUM FREQUENCY | 250 MHz | 250MHz-500MHz* |
| INDEPENDENTLY TESTED | NO | YES |

*MEASURED PERFORMANCE

| TWISTED PAIR | 568B COLORS | PINS |
|---|---|---|
| PAIR 1 | BLU - WHT/BLU | 4/5 |
| PAIR 2 | GRN - WHT/GRN | 6/3 |
| PAIR 3 | ORG - WHT/ORG | 2/1 |
| PAIR 4 | BRN - WHT/BRN | 8/7 |

| TEMPERATURE SPECIFICATIONS | | |
|---|---|---|
| OPERATING | STORAGE | INSTALLATION |
| -4 °F ~ 185 °F | -22 °F ~ 185 °F | -22 °F ~ 185 °F |

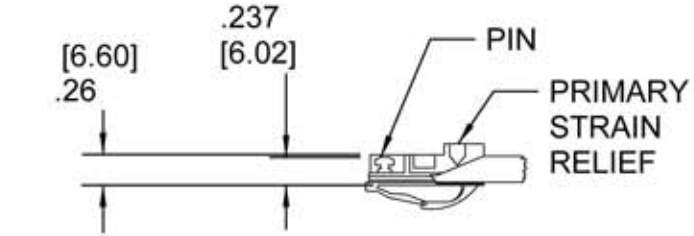
| OUTER JACKET COLORS: XX = COLOR | |
|---|---|
| P = PURPLE | GY = GREY |
| WH = WHITE | I = IVORY |
| YL = YELLOW | BK = BLACK |
| BU = BLUE | GN = GREEN |
| RD = RED | OR = ORANGE |

## PLUG ASSY:

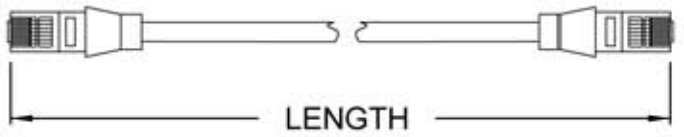
POLYCARBONATE, 94V-0, THE CONTACT AREA OF BLADES IS SELECTED PLATED WITH 50micro-INCHES OF HARD GOLD OVER 100micro-INCHES OF NICKEL.

## CAT.6 HARDWARE CABLE:

1. FIRE RETARDANT PVC COMPOUNDS.
2. ALLEN TEL PRODUCTS E131692 (UL) CM 75 °C, 4 PAIR, 24 AWG.
3. CSA LISTING LL64151 CMG FT4.
4. VOLT RATING: 300V
5. ETL VERIFIED TO TIA/EIA-568-B.2-1 PATCH CORD, UTP.




INSIDE DETAIL




| PART # | LENGTH | |
|---|---|---|
| | FT | METRIC |
| AT1601-XX | 1 | 305 MM |
| AT1602-XX | 2 | 609 MM |
| AT1603-XX | 3 | 914 MM |
| AT1604-XX | 4 | 1219 MM |
| AT1605-XX | 5 | 1524 MM |
| AT1607-XX | 7 | 2134 MM |
| AT1610-XX | 10 | 3048 MM |
| AT1614-XX | 14 | 4267 MM |
| AT1615-XX | 15 | 4572 MM |
| AT1618-XX | 18 | 5486 MM |
| AT1620-XX | 20 | 6096 MM |
| AT1625-XX | 25 | 7620 MM |
| AT1650-XX | 50 | 15240 MM |
| AT16100-XX | 100 | 30480 MM |

ALLEN TEL PRODUCTS, INC.
30 TV5 DRIVE • HENDERSON, NV • 89014

# AT16XX-XX CAT 6 PATCH CORDS WIRED TO TIA-568B