

| 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

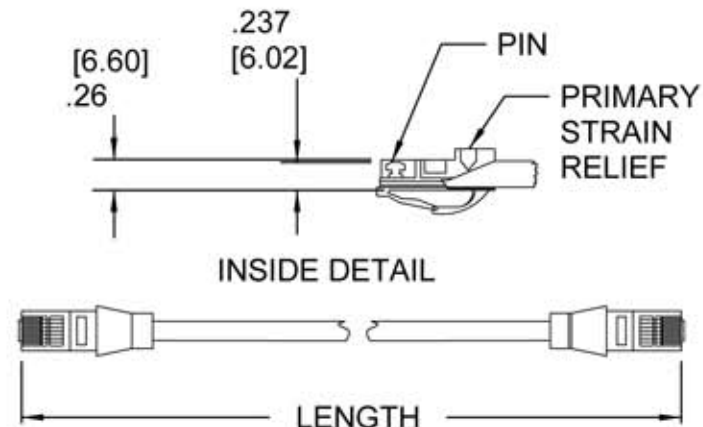
|             |             |
|-------------|-------------|
| P = PURPLE  | GY = GREY   |
| WH = WHITE  | I = IVORY   |
| YL = YELLOW | BK = BLACK  |
| BU = BLUE   | GN = GREEN  |
| RD = RED    | OR = ORANGE |

#### 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.



| 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**

