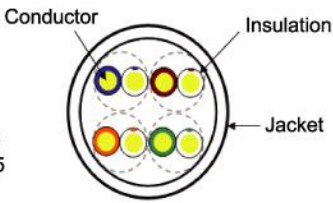


# ELITE 350™ CATEGORY 5E 350MHz UTP SOLID CABLE

Enhanced High performance ANSI/TIA/EIA 568-B.2 compliant Category 5 ENHANCED UTP cables for mission critical LAN applications or future proofing your Structured Cabling Systems. These cables are characterized to 350MHz, Powersum NEXT tested and are manufactured at our UL and BSI Certified ISO-9001 state-of-the-art manufacturing and testing facility. For installer friendly, high performance cables at affordable prices, look no further than Elite 350 Category 5 ENHANCED 350MHz UTP bulk cables.



### CABLE DATA

| TYPE  | PRODUCT NO. | INSULATION THICKNESS (mm/inch) | DIAMETER (mm/inch) | WEIGHT (lb/kg) | FLAME RETARDANT RATING |
|-------|-------------|--------------------------------|--------------------|----------------|------------------------|
| Solid | TUR2404N09  | 0.192 / 0.0076                 | 4.8 / 0.189        | 18.2 / 8.3     | CMR                    |
|       | TUP2404N09  | 0.180 / 0.0071                 | 4.5 / 0.177        | 19.4 / 8.8     | CMP                    |

### PRODUCT ELECTRICAL CHARACTERISTICS

- Features: Impedance 100 +/- 15 ohms
- Mutual Capacitance, MAX. nf/1000ft 17.1
- DC Resistance, MAX. Ohms/1000ft 28.6
- DC Resistance, unbalance of a pair: 5% MAX
- Capacitance unbalance(pair to ground): 330pF/100m MAX.
- Propagation delay skew: 40nS/100M

| FREQUENCY (MHz) | ATT MAX. (dB/100m) | NEXT MIN.(dB) | ACR MIN.(dB) | PS.NEXT MIN.(dB) | PS.ACR MIN.(dB) | ELFEXT MIN.(dB/100m) | PS.ELFEXT MIN.(dB/100m) | RL MIN.(dB) |
|-----------------|--------------------|---------------|--------------|------------------|-----------------|----------------------|-------------------------|-------------|
| 1               | 2.0                | 68.3          | 66.3         | 65.3             | 63.3            | 63.8                 | 60.8                    | 20.0        |
| 25              | 10.4               | 47.3          | 36.9         | 44.3             | 33.9            | 35.8                 | 32.8                    | 24.3        |
| 31.25           | 11.7               | 45.9          | 34.2         | 42.9             | 31.2            | 33.9                 | 30.9                    | 23.6        |
| 62.5            | 17.0               | 41.4          | 24.4         | 38.4             | 21.4            | 27.8                 | 24.8                    | 21.5        |
| 100             | 22.0               | 38.3          | 16.3         | 35.3             | 13.3            | 23.8                 | 20.8                    | 20.1        |
| 155             | 28.1               | 35.5          | 7.4          | 32.5             | 4.4             | 20.0                 | 17.0                    | 18.8        |
| 200             | 32.4               | 33.8          | 2            | 30.8             | N.A             | 17.7                 | 14.7                    | 18.0        |
| 240             | 36                 | 32.6          | N.A          | 29.6             | N.A             | 16.2                 | 13.2                    | 17.4        |
| 300             | 41                 | 31.2          | N.A          | 28.2             | N.A             | 14.2                 | 11.2                    | 16.8        |
| 350             | 44.9               | 30.1          | N.A          | 27.1             | N.A             | 12.9                 | 9.9                     | 16.3        |

### APPLICATIONS

- 10 BASE T(IEEE 802.3)
- 100 BASE T(IEEE 802.3U)
- 100 Vg-any LAN(IEEE 802.12)
- TOKEN RING(IEEE 805.5)
- TP-PMD9ANSI X3T9.5)
- 100 Mbps CDDI
- ATM 155

### INDUSTRY STANDARDS

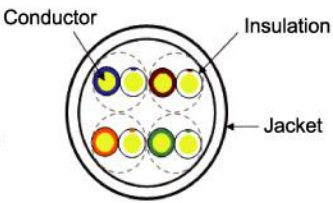
- UL/CSA LISTED CM, CMR, CMP
- UL, ETL AND 3P VERIFIED TO ANSI/TIA/EIA568-B.2 CATEGORY 5 ENHANCED
- ISO/IEC 11801
- NEMA WC 63.1
- PrEN 50288-3-1

### PRODUCT DESCRIPTION

CONDUCTOR: 24 AWG BARE SOLID/STRANDED COPPER  
 INSULATION: HDPE, FRPE, FEP  
 RIPCORD: UNDER JACKET  
 JACKET: FRPVC

# ELITE 350™ CATEGORY 5E 350MHz UTP/FTP STRANDED CABLE

Enhanced High performance ANSI/TIA/EIA 568-B.2 compliant Category 5 ENHANCED UTP cables for mission critical LAN applications or future proofing your Structured Cabling Systems. These cables are characterized to 350MHz, Powersum NEXT tested and are manufactured at our UL and BSI Certified ISO-9001 state-of-the-art manufacturing and testing facility. For installer friendly, high performance cables at affordable prices, look no further than Elite 350 Category 5 ENHANCED 350MHz UTP bulk cables.



### CABLE DATA

| TYPE     | PRODUCT NO. | INSULATION THICKNESS (mm/inch) | DIAMETER (mm/inch) | WEIGHT (lb/kg) | FLAME RETARDANT RATING |
|----------|-------------|--------------------------------|--------------------|----------------|------------------------|
| Stranded | TPM2404N35  | 0.193 / 0.0076                 | 5.3 / 0.209        | 20.6 / 9.3     | CM                     |
|          | TAM2404E01  | 0.220 / 0.0087                 | 5.7 / 0.224        | 23.5 / 10.7    | CM                     |
|          | TAM2604E01  | 0.185 / 0.0073                 | 5.4 / 0.213        | 19.4 / 8.8     | CM                     |

### PRODUCT ELECTRICAL CHARACTERISTICS (UTP)

- Features: Impedance 100 +/- 15 ohms
- Mutual Capacitance, MAX. nf/1000ft 17.1
- DC Resistance, MAX. Ohms/1000ft 28.6
- DC Resistance, unbalance of a pair: 5% MAX
- Capacitance unbalance(pair to ground): 330pF/100m MAX.
- Propagation delay skew: 40nS/100M

| FREQUENCY (MHz) | ATT MAX. (dB/100m) | NEXT MIN.(dB) | ACR MIN.(dB) | PS.NEXT MIN.(dB) | PS.ACR MIN.(dB) | ELFEXT MIN.(dB/100m) | PS.ELFEXT MIN.(dB/100m) | RL MIN.(dB) |
|-----------------|--------------------|---------------|--------------|------------------|-----------------|----------------------|-------------------------|-------------|
| 1               | 2.4                | 68.3          | 65.9         | 65.3             | 62.9            | 63.8                 | 60.8                    | 20.0        |
| 25              | 12.5               | 47.3          | 34.8         | 44.3             | 31.8            | 35.8                 | 32.8                    | 24.2        |
| 31.25           | 14.0               | 45.9          | 31.9         | 42.9             | 28.9            | 33.9                 | 30.9                    | 23.3        |
| 62.5            | 20.4               | 41.4          | 21.0         | 38.4             | 18.0            | 27.8                 | 24.8                    | 20.7        |
| 100             | 26.4               | 38.3          | 11.9         | 35.3             | 8.9             | 23.8                 | 20.8                    | 19.0        |
| 155             | 33.7               | 35.5          | 3            | 32.5             | 0               | 20.0                 | 17.0                    | 17.4        |
| 200             | 38.9               | 33.8          | NA           | 30.8             | NA              | 17.7                 | 14.7                    | 16.4        |
| 240             | 43.2               | 32.6          | NA           | 29.6             | NA              | 16.2                 | 13.2                    | 15.7        |
| 300             | 49.2               | 31.2          | NA           | 28.2             | NA              | 14.2                 | 11.2                    | 14.9        |
| 350             | 53.9               | 30.1          | NA           | 27.1             | NA              | 12.9                 | 9.9                     | 14.3        |

### APPLICATIONS

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- 100 BASE T(IEEE 802.3U)
- 100 Vg-any LAN(IEEE 802.12)
- TOKEN RING(IEEE 805.5)
- TP-PMD9ANSI X3T9.5)
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### INDUSTRY STANDARDS

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| FREQUENCY (MHz) | ATT MAX. (dB/100m) | NEXT MIN.(dB) | ACR MIN.(dB) | PS.NEXT MIN.(dB) | PS.ACR MIN.(dB) | ELFEXT MIN.(dB/100m) | PS.ELFEXT MIN.(dB/100m) | RL MIN.(dB) |
|-----------------|--------------------|---------------|--------------|------------------|-----------------|----------------------|-------------------------|-------------|
| 1               | 2.4                | 65.3          | 62.9         | 62.3             | 59.9            | 63.8                 | 60.8                    | 20.0        |
| 31.25           | 14.0               | 42.9          | 28.9         | 39.9             | 25.9            | 33.9                 | 30.9                    | 23.3        |
| 62.5            | 20.4               | 38.4          | 18.0         | 35.4             | 15.0            | 27.8                 | 24.8                    | 20.7        |
| 100             | 26.4               | 35.3          | 8.9          | 32.3             | 5.9             | 23.8                 | 20.8                    | 19.0        |
| 155             | 33.7               | 32.5          | 0            | 29.5             | N.A             | 20.0                 | 17.0                    | 17.4        |
| 200             | 38.9               | 30.8          | N.A          | 27.8             | N.A             | 17.7                 | 14.7                    | 16.4        |
| 240             | 43.2               | 29.6          | N.A          | 26.6             | N.A             | 16.2                 | 13.2                    | 15.7        |
| 300             | 49.2               | 28.2          | N.A          | 25.2             | N.A             | 14.2                 | 11.2                    | 14.9        |
| 350             | 53.9               | 27.1          | N.A          | 24.1             | N.A             | 12.9                 | 9.9                     | 14.3        |