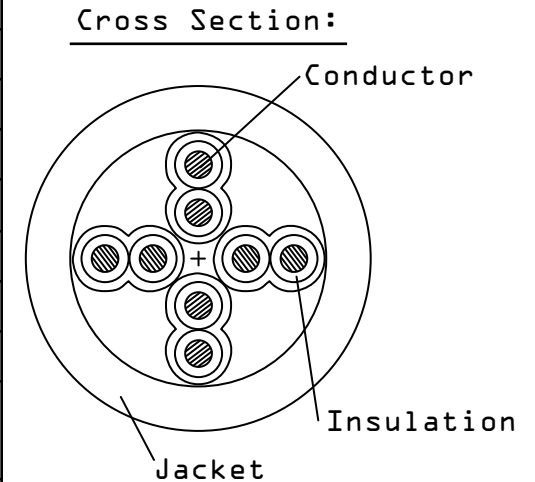


Product Specifications

| REV. | DESCRIPTION | DATE |
|------|-------------|---------|
| A | | |
| B | | 02-2006 |

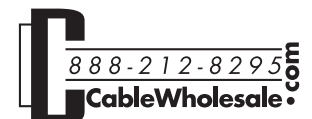
Construction & Material :

| Item | | Unit | Specification |
|---------------|-------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------|
| Product | | | CAT-5 E UTP 4P |
| Conductor | Size | AWG | 24 |
| | Number | Pairs | 4 |
| | Material | | Stranded Bare Copper |
| | Construction | pcs / mm | 7/0.20 |
| | Diameter | mm | 0.60 |
| Insulation | Material | | HD-PE |
| | Min.thickness | mm | 0.156 |
| | Avg.thickness | mm | 0.175 |
| | Diameter | mm | 0.99 |
| | Color | | Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown |
| Twisting | Construction | | See Cross Section |
| Cabling | Construction | | See Cross Section |
| Jacket | Material | | PVC |
| | Min.thickness | mm | 0.45 |
| | Avg.thickness | | 0.55 |
| | Overall Diameter | mm | 5.70 ± 0.20 |
| | Color | | By Order |
| Black Marking | TYPE CM 24AWG 60 (UL) E188630 CSA LL81295 CMG, ETL VERIFIED TIA/EIA-568-B. CAT-5 E UTP Patch Cable, 80 C | | |



| | |
|----------|-----|
| DRAWER | MPD |
| CHECKED | MAC |
| APPROVED | MAC |
| | |



| COLORS: | PART NUMBER: | TITLE: |
|--------------------------------------------------------------------------|--------------|------------------------------|
| Gray, Black, Orange, Purple, Green, Blue, Red, Pink, Yellow, White | 10X6-0xxSH | CAT-5 E UTP, 24AWG, Stranded |



Electrical Property :

| REV. | DESCRIPTION | DATE |
|------|-------------|---------|
| A | | |
| B | | 02-2006 |

| Item | | Unit | Specification | | | Standard | | |
|---------------------------------------|---------------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------------|------------------|--|
| D-C Resistance | | Ω/100M | AT 20 | | | DC Max.9.3Ω | | |
| D-C Resistance Unbalance | | % | ----- | | | Max.5 | | |
| Capacitance Unbalance | | pF/100M | ----- | | | Max.330 | | |
| Characteristic Impedance 1.0-100.0MHz | | Ω/100M | ----- | | | 100 ± 15 | | |
| Dielectric Withstand | | VAC/1MIN | 700 | | | No Breakdown | | |
| Frequency MHz | Attenuation dB/100m | NEXT Pair-Pair (dB) | NEXT Power Sum (dB) | ELFEXT Pair-Pair (dB) | ELFEXT Power Sum (dB) | Structural Return Loss (dB) | Return Loss (dB) | |
| 1 | 2.4 | 65.3 | 62.3 | 63.8 | 60.8 | 23.0 | 20.0 | |
| 10 | 7.8 | 50.3 | 47.3 | 43.8 | 40.8 | 23.0 | 25.0 | |
| 16 | 9.9 | 47.3 | 44.4 | 39.7 | 36.7 | 23.0 | 25.0 | |
| 20 | 11.1 | 45.8 | 42.8 | 37.7 | 34.7 | 23.0 | 25.0 | |
| 25 | 12.5 | 44.4 | 41.3 | 35.8 | 32.8 | 22.0 | 24.2 | |
| 31.25 | 14.1 | 42.9 | 39.9 | 33.9 | 30.9 | 21.1 | 23.3 | |
| 62.5 | 20.4 | 38.4 | 35.4 | 27.8 | 24.8 | 18.1 | 20.7 | |
| 100 | 26.4 | 35.3 | 32.3 | 23.8 | 20.8 | 16.0 | 19.0 | |

| | |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| DRAWER | MPD |
| CHECKED | MAC |
| APPROVED | MAC |
|  |  |