



Cat5E 350 MHz 24 Awg Solid CMR 1000'  
Box - Black

CAT5E-BK

SKU: 8580    UPC: 810070014520

SCP Cat5E 350 MHz UTP Category Cable.

Each Cat5e UTP cable is performance optimized with 4 balanced twisted pairs on 24 AWG insulated solid bare copper conductors. SCP Cat5e UTP cables are constructed to create a round and flexible cable for easy pulling and stripping of the PVC jacket.

All Cat5e UTP cables are packaged in our award-winning Pull Box with guaranteed tangle free pulling. These cables are UL and CMR rated.

#### Features

- UTP Cat5E
- 24 AWG Solid BC
- PVC Jacket
- With rip cord
- UL CMR
- Sweep frequency up to 350 MHz.
- 1000' Box

|                                                   |                                                                                   |
|---------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Construction Characteristics:</b>              |                                                                                   |
| <b>Conductor:</b>                                 |                                                                                   |
| Material                                          | Solid Bare Copper                                                                 |
| Size                                              | 24AWG X 4P                                                                        |
| Construction                                      | 1/0.49+/-0.004mm                                                                  |
| <b>Insulation:</b>                                |                                                                                   |
| Material                                          | HDPE                                                                              |
| Min. Thickness                                    | 0.188mm                                                                           |
| AVG. Thickness                                    | 0.205mm                                                                           |
| Diameter                                          | 0.9+/-0.01mm                                                                      |
| Colors                                            | Blue- White/Blue<br>Orange-White/Orange<br>Green-White/Green<br>Brown-White/Brown |
| <b>Jacket:</b>                                    |                                                                                   |
| Material                                          | PVC                                                                               |
| Min. Thickness                                    | 0.54mm                                                                            |
| AVG. Thickness                                    | 0.60mm                                                                            |
| Diameter                                          | 5.10+/-0.10mm                                                                     |
| Rip Cord                                          | Nylon                                                                             |
| Color                                             | Per request                                                                       |
| Bend Radius                                       | Min 20D/105mm                                                                     |
| <b>Electrical &amp; Physical Characteristics:</b> |                                                                                   |

|                                      |                         |
|--------------------------------------|-------------------------|
| Operating Temperature Range          | - 20°C + 75°C           |
| Conductor Resistance                 | Max 93.8 ohm/km at 20°C |
| Dielectric Strength                  | Min AC1.5KV             |
| <b>Insulation:</b>                   |                         |
| <b>Unaged:</b>                       |                         |
| Tensile Strength                     | 16.5Mpa                 |
| Elongation                           | 500%                    |
| <b>Aged:</b>                         |                         |
| Tensile Strength                     | 14.2Mpa(100°C 168h)     |
| Elongation                           | 250%(100°C 168h)        |
| <b>Jacket:</b>                       |                         |
| <b>Unaged:</b>                       |                         |
| Tensile Strength                     | 13.8Mpa                 |
| Elongation                           | 100%                    |
| <b>Aged:</b>                         |                         |
| Tensile Strength                     | 11.7Mpa(100°C 168h)     |
| Elongation                           | 50%(100°C 168h)         |
| Rated Voltage                        | Max 300Volts            |
| DC Resistance Unbalance              | Max 5%                  |
| Pair-to-Ground Capacitance Unbalance | Max 3300pF/km           |
| Characteristic Impedance             | 100+/-15OHM             |
| Nominal Velocity of Propagation(%)   | 67~69                   |
| Propagation Delay                    | Max 536ns/100m          |
| Delay Skew                           | Max 45ns/100m           |
| <b>Packaging:</b>                    |                         |
| Approx Weight                        | 9.7kgs/21.385lbs        |
| Approx Dimension (mm)                | 350X260X350             |
| Package                              | 1000ft/305m Box         |
| Packages per pallet                  | 36                      |