

1. Structure:

| Item | | Specification |
|-------------------|-------------------|-------------------------------------|
| Conductor | Size | 23 AWG x 4P with geometry separator |
| | Construction | Solid Bare Copper |
| | Cond. Diam. | 0.575 mm |
| Insulation | Average Thickness | 0.222 mm |
| | Minimal Thickness | 0.198 mm |
| | Diameter | 1.02 mm +/- 0.01 mm |
| | Material | PE |
| Jacketing | Average Thickness | 0.80 mm |
| | Minimal Thickness | 0.72 mm |
| | Outer Diameter | 7.20 mm +/- 0.30 mm |
| | Material | PE |
| | Color | Black |

2. Wire Construction:

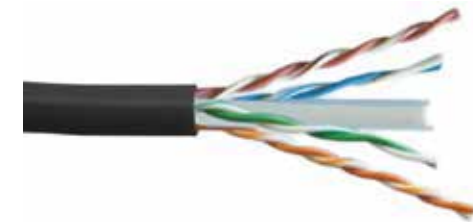
| Pair | Wire Arrangement |
|------|-------------------------|
| 1P | Blue / Blue * White |
| 2P | Orange / Orange * White |
| 3P | Green / Green * White |
| 4P | Brown / Brown * White |

3. Characteristic:

| | |
|-----------------------------|--|
| 1. Electrical Properties | Refer to TIA/EIA-568B.2-1 |
| 2. Physical Properties | |
| (1) Insulation: (unaged) | Tensile strength: 2400 psi Elongation: 300% |
| (2) Jacket: (unaged) | Tensile strength: 2000 psi Elongation: 100% |
| (3) Flame: | VW-1 |
| 3. Conductor Resistance | 93.8 OHM/KM at 20° C Max |
| Spark Test: | 1750 V AC |
| Dielectric Strength: | 1500 V AC. 2S |
| 4. Center Degree: | 93% |

4. Marking

Connection Cabling Solutions, UTP 4PR 23 AWG
ETL FT4 VERIFIED TO TIA / EIA-568B.2-1 & ISO/IEC 11801
ENHANCED CAT 6



5. Packing



ORDER INFORMATION

| ORDER NUMBER | DESCRIPTION |
|--------------|--|
| CUT-6302 | CAT-6 Cable UTP, 250MHz, Par 4-Balanced Tested 1000FT, BLACK |