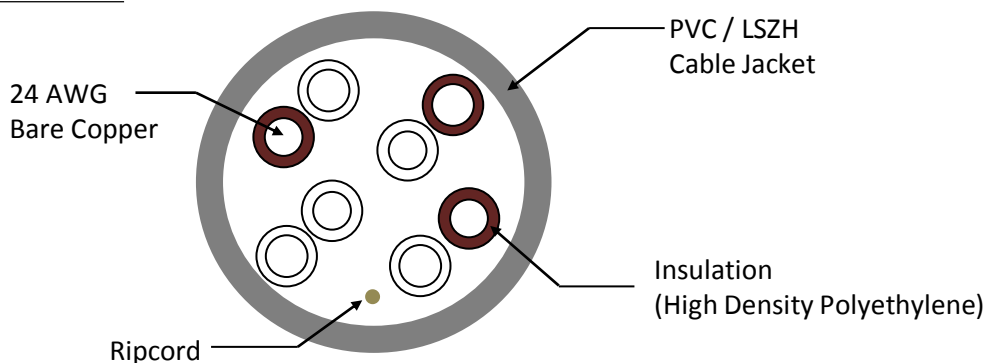


<b>Category</b>	<b>Copper Cat-5E UTP Cable</b>
<b>Specification</b>	<b>UTP Twisted Pairs, 4-pair</b>
<b>Parameters</b>	<p><b>Cable type</b> : 4-pair</p> <p><b>Conductor</b> : 24AWG bare copper (<math>0.5 \pm 0.01</math> mm)</p> <p><b>Electrical Specifications</b> :</p> <ol style="list-style-type: none"> <li>1. Conductor Resistance : <math>\leq 9.5</math> ohms / 100m</li> <li>2. Resistance Unbalanced: <math>\leq 5\%</math> Max</li> <li>3. Mutual Capacitance: 5.6nF/100m</li> <li>4. Characteristic Impedance: <math>100 \pm 15</math> ohms at 1 ~100MHz</li> <li>5. Attenuation to Crosstalk Far End: 21.9dB/100m (100Mhz)</li> <li>6. Return Loss: 25dB (100Mhz)</li> <li>7. Maximum Operating Frequency: 100 MHz</li> </ol> <p><b>Jacket Material Options</b> : PVC, LSZH</p> <p><b>Operating Temperature</b> : -20 ~ 70°C</p> <p><b>Compliance</b> : RoHS, ANSI/TIA-EIA-568-B.2.-1, ISO 11801 Class E</p> <p><b>Jacket Color</b> : Grey, Blue</p> <p><b>Cable Outer Diameter</b> : <math>5.0 \pm 0.2</math> mm</p> <p><b>Length / Weight per Box</b> : 305 meters (1000 feet) / each box 13kgs</p>

**Cable Cross-Section**



Specifications are subject to change without notice.