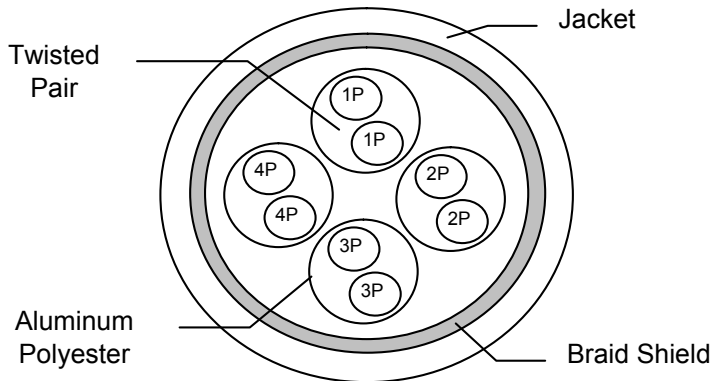



PRODUCT SPECIFICATION: CABLE TYPE #1 (CAT-6 SSTP)

<p style="text-align: center;">CROSS SECTION</p>  <p>The diagram shows a circular cross-section of the cable. It features an outer jacket labeled 'Jacket' and an inner 'Braid Shield'. Inside the shield, there are four twisted pairs of wires, labeled '1P', '2P', '3P', and '4P'. The shield is made of 'Aluminum Polyester'.</p>	<p style="text-align: center;">COLOR CODE</p> <p>P1: Blue & White P2: Orange & White P3: Green & White P4: Brown & White</p>
<p style="text-align: center;">DESCRIPTION</p> <p>Rated Temperature: (C°) 75 Product Standard Certification: CM Flame Test: FT4 Reference Standard: UL 444, & the customer's specification Typical Application: Telephone and other communication circuits such as voice, data and audio for on-premise customer systems.</p>	<p style="text-align: center;">PERFORMANCE</p> <p>Electrical Characteristics: (20°C) Max. Conductor DC Resistance (Ω /km) 142 Min. Insulation Resistance (Ω/km) 100 Dielectric Strength: AC-500V/1 Min.</p>
<p style="text-align: center;">CONSTRUCTION</p> <p>Conductor: Stranded Bare Copper 4 Twisted Pair 8C AWG 26 Construction (mm) 7/0.16 Stranded Dia. (mm) 0.50 Insulation: Skin-Foam-Skin-PE Non. Thickness (mm) 0.26 Insulation Dia. (±0.05mm) 1.03 Shield: Natural Aluminum / Polyester Coverage (%) ≤ 125%</p> <p>Braid Shield: Tinned Copper Construction (mm) 16/5/0.10T Coverage (%) ≤ 55%</p> <p>Jacket: Polyvinyl Chloride (PVC) Nom. Thickness (mm) 0.58 Outer Dia. (+0.2mm) 6.2</p>	<p style="text-align: center;">MECHANICAL CHARACTERISTICS</p> <p>Test Object Jacket Test Material PVC Before Tensile Strength (kg/mm²) ≤ 1.4 Aging Elongation (%) ≤ 100 Aging Condition 100±2°Cx240 Hrs. After Tensile Strength: ≥85% of original Aging Elongation: ≥50% of original</p> <div style="text-align: center;">  <p>COMPONENTS EXPRESS, INC. Ph: 800-578-6695 www.ComponentsExpress.com</p> </div> <p>Spec No. 50255-C Revision C Date 6/13/2011 Approved By:</p>