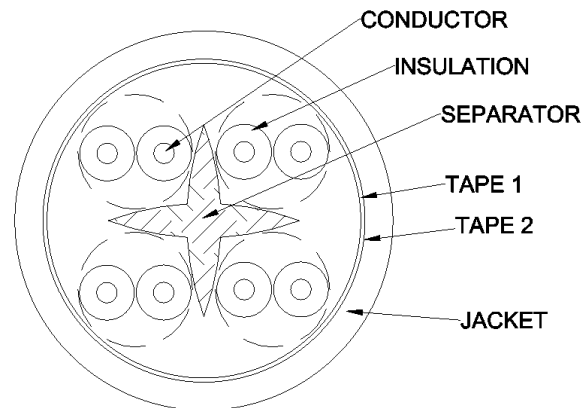


# STERLING

## WIRE & CABLE

### SWC PN: CMPCAT6A-4P-X

### Category 6A Reduced Diameter UTP Plenum



#### 1. Construction:

- 1.1. Conductors: 23 AWG Solid Bare Copper
- 1.2. Insulation: Fluoropolymer Nominal Diameter 0.039"
- 1.3. Pair Assembly: Conductors Twisted to Varying Lays
- 1.4. Cable Assembly: 4 Pairs Cabled Together With X-Web
- 1.5. Tape 1: Polyester 25% Nominal Overlap
- 1.6. Tape 2: Non-Conductive Tape Technology
- 1.7. Jacket: PVC Nominal OD, 0.265"
- 1.8. JACKET PRINT:  
CAT 6A 500 MHZ 23 AWG  
CMP C(UL)US 105C ETL VERIFIED TO ANSI/TIA-568-C.2 CATEGORY 6A RoHS (01-12345) 00002

(01-12345) = Traceability Code  
XXXXXX = Sequential Footage every Two Feet

#### 2. Physical Characteristics:

- 2.1. Nominal Cable Weight: 36 lbs. /1,000 ft.
- 2.2. Installation Temperature Rating: 0 °C to + 60 °C
- 2.3. Operation Temperature Rating: -20 °C to + 105 °C

#### 3. Compliance:

- 3.1. UL Subject 444 Communications Cables
- 3.2. UL Listed c(UL)us Type CMP
- 3.3. NFPA 262, (UL 910) Plenum Flame Test
- 3.4. NEC Article 800
- 3.5. c(UL)us Type CMP
- 3.6. California State Fire Marshal
- 3.7. RoHS Compliant

#### 4. Category Electrical Performance:

- 4.1. Voltage Rating: 300 V
- 4.2. Max. DC Resistance: 9.38  $\Omega$ /100m
- 4.3. Max DC Resistance Unbalance: 5.0%
- 4.4. Nominal Velocity of Propagation: 68%
- 4.5. Max Propagation Delay Skew: 45 ns/100m
- 4.6. ETL Verified to ANSI/TIA-568-C.2