



**SPECIFICATION: CBL-C58ES-XX-AM**

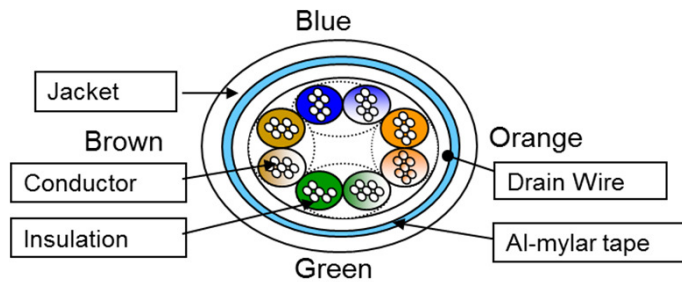
**Description:** CAT.5E, STRANDED, SHIELDED, 4PR, 24AWG, PVC  
**Length Per Reel:** 1000 feet  
**UL File No.:** E213738  
**UL Specification:** CMR  
**Flame Test:** FT4  
**Other Standards:** ANSI/TIA-568-C.2, ISO/IEC 11801, UL444  
**Compliances:** RoHS and REACH  
**Conductors:** Bare Copper, Stranded 24 AWG (7/0.193mm)  
**Insulation:** HD-PE. Diameter 1.05 ± 0.03mm  
**Shielding:** Mylar, AL Foil and Drain Wire  
**Jacket:** CMR-PVC. Diameter 6.0 ± 0.3mm

**ELECTRICAL CHARACTERISTICS**

**Temperature Rating:** -20°C - 75°C  
**Spark Test:** 2000 ± 250 VOC  
**Dielectric Strength:** AC-750V/1 sec. MIN  
**Insulation Resistance:** PE:DC-500V 1500MΩ / 100M MIN at 20°C  
**Mutual Capacitance:** 5600pF / 100m MAX  
**Capacitance Unbalance:** 330pF / 100m MAX  
**Conductor Resistance:** MAX 8.76Ω / 100m at 20°C  
**Resistance Unbalance:** 3% Max  
**Impedance:** 100 ± 15Ω

**General Cable Marking:**

Grandmax E213738-Y 24AWG 4PR STRANDED CMR (UL) C(UL) STP CAT5E FT4 350MHz CONFORM TO ANSI/TIA-568-C.2 & ISO/IEC 11801 75°C ROHS REACH COMPLAINT



Pair No.	Pair Color Code
1	Blue / White-Blue
2	Orange / White-Orange
3	Green / White-Green
4	Brown / White-Brown

**ORDERING PART NUMBER:**

**CBL - C58E S - XX - AM**  
 1 2 3 4

1. CBL: Bulk Cable
2. C58E: CAT.5e Stranded Series
3. S: Shielded Cable
4. XX Color: BK (black), GY (gray), PR (violet), RD (red), WT (white), YL (yellow), BL (blue), GN (green), OG (orange), PK (pink)