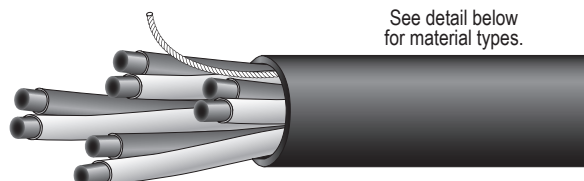


**BELDEN DATA TWIST®**

**Category 5E  
UL Type CM, CMR and CMP  
Copper Conductors**



Catalog Number	Size AWG	Number of Pairs	Insulation Thickness Mils	Jacket Thickness Mils	Overall Diameter Inch	Nom Conductor DCR Ohms	Nom. Imp. Ohms	Nom. Vel. of Prop %	Nom. Cap.	Net Weight Lbs/Mft
<b>TYPE CM</b>										
HW416 1583A	24	4	7.5	17	0.21	26	100	70	15	24
<b>TYPE CMR</b>										
HW416 1583R	24	4	7.5	18	0.21	26	100	70	15	21
<b>TYPE CMP</b>										
HW416 1583P	24	4	7.0	15	0.20	26	100	72	15	28

**APPLICATION:**

For use in high speed data transmission in Category 5e applications such as 10 Base T, 100 Base TX, 100 Base VG AnyLan, and 155 ATM, 622 ATM and GigaBit Ethernet.

**CONDUCTORS:**

Solid soft bare annealed copper per ASTM B-3

**INSULATION:**

- CM – Polyolefin
- CMR – Polyolefin
- CMP – Fluorinated ethylene propylene (FEP)

**JACKET:**

- CM – PVC
- CMR – PVC
- CMP – Low smoke PVC (LS PVC)

**FLAME TESTS:**

- CM – UL 1581 Flame Test, CSA FT1
- CMR – UL 1666 Flame Test CSA FT4
- CMP – UL 910 Flame Test, CSA FT6

**COLOR CODE:**

See Appendix, Chart 4

**ADDITIONAL STANDARDS:**

- CM – UL Type CM, C(UL) Type CM
- CMR – UL Type CMR, C(UL) Type CMR
- CMP – UL Type CMP, C(UL) Type CMP
- UL Verified to Category 5, ANSI/TIA/EIA 568-B.2 Category 5e
- ISO/IEC 11801 Category 5
- IEEE 802.3 10 Base T, 100 Base T4
- NEMA WC-63.1