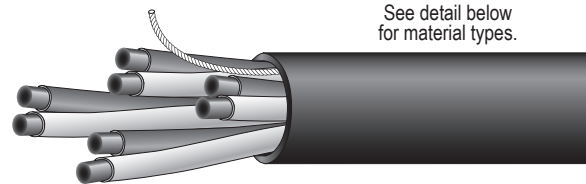


**SPECIFICATION**  
**HW415**

**CATEGORY 5E**

**UL Type CMR and CMP  
Copper Conductors**



Catalog Number	Size AWG	Number of Pairs	Overall Diameter Inches	Nominal Imp. Ohms	Nominal Vel. of Prop %	Nominal Cap. pF/ft	Net Weight Lbs/Mft
<b>TYPE CMR</b>							
HW415 2404R	24	4	0.195	100	69	15	22
<b>TYPE CMP</b>							
HW415 2404P	24	4	0.187	100	71	15	20

**APPLICATION:**

For use in high speed data transmission in Category 5e applications such as 10 Base T, 100 Base TX, 100 Base VG and 1000 Base T.

**CONDUCTORS:**

Solid soft bare annealed copper per ASTM B-3

**INSULATION:**

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

**JACKET:**

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

**FLAME TESTS:**

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

**COLOR CODE:**

See Appendix, Chart 4

**ADDITIONAL STANDARDS:**

- CMR – UL/NEC Type CMR, C(UL) Type CMR ANSI/TIA/EIA 568-B.2 Category 5e
- CMP – UL/NEC Type MPP, C(UL) Type CMP ANSI/TIA/EIA 568-A.5 Category 5e
- ISO/IEC 11801 Category 5
- NEMA WC-63.1