

### General Description:

CAT6 (350MHz), 4-Pair, U/UTP-Unshielded, Plenum-CMP, Premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, Dual FRPO/FEP Insulation, Tape separator, Ripcord, Flame retardant jacket

### Usage: (Overall):

Premise Horizontal Cable, Gigabit Ethernet, POE, POE +, 100BaseTX, 100BaseVG ANYLAN, 155ATM, 622ATM, 250 MHz Category 6, POE, POE Plus

**Conductors:** # Pairs: 4, **AWG:** 23,

**Conductor Material:** BC – Bare Copper

**Insulation Material:** FRPO/FEP - Flame Retardant Jacket Ethylene Propylene

**Jacket:** Low Smoke PVC

**Nominal Diameter:** 0.224"

**Storage Temperature Range:** -20°C To +75°C

**Installation Temperature Range:** +5°C To +75°C

**Operating Temperature Range:** -20°C To +75°C

**UL Temperature Rating:** 75C (UL AWM Style 444)

**Bulk Cable Weight:** 27 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 40 lbs.

**Min. Bend Radius/Minor Axis:** 0.750 in.

**Min. Bend/Installation:** 2.250 in.

### Electrical Properties:

**Capacitance (pF/ft):** 15

**Delay (ns/100 m):** 537 @ 100MHz

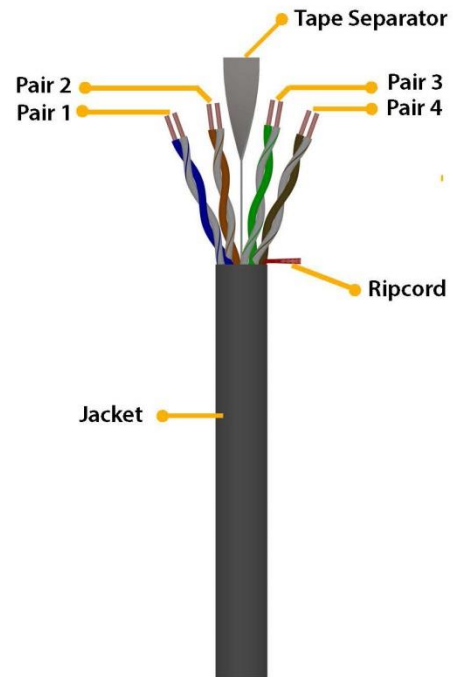
**DCR Unbalance @ 20°C :** 3%

**Nominal Velocity of Propagation VP (%):** 72

**DCR @ 20°C (Ohm/100m):** 7.3

**NEC/(UL) Specification:** CMP

**Telecommunications Standards:** Category 6 - TIA 568.C.2



### Lengths and Colors:

| Item #           | Length | Shipping Weight | Jacket Color | Item Description   | Packaging  |
|------------------|--------|-----------------|--------------|--------------------|--|
| PC6UVRM BLKA0500 | 500 FT | 16.00 LB        | Black        | CAT6 4PR U/UTP CMP | Reel-in-box<br> |
| PC6UVRM BLKA0750 | 750 FT | 22.00 LB        | Black        |                    |  |
| PC6UVRM WHTA0500 | 500 FT | 16.00 LB        | White        |                    |  |
| PC6UVRM WHTA0750 | 750 FT | 22.00 LB        | White        |                    |  |
| PC6UVRM NATA0500 | 500 FT | 16.00 LB        | Ivory        |                    |  |
| PC6UVRM NATA0750 | 750 FT | 22.00 LB        | Ivory        |                    |  |

Unless otherwise specified, dimensions, material, electrical and mechanical specifications shall comply with ANSI/TIA/EIA-568-C.2

\*Cable image for reference only. Other Colors, Packaging, Lengths available upon request.

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