

### General Description

CAT6A (500MHz), 4-Pair, 23 AWG, U/UTP-Unshielded, Riser-CMR, Premises Horizontal Cable, Pair separator, Ripcord

### Usage (Overall):

Premises Horizontal Cable, Riser, Gigabit Ethernet, 10GBASET-T, HDBASET, POE

### Performance Specifications

Specification	Value
Conductors (4 Pairs)	AWG: 23
Conductor Material	BC - Bare Copper
Insulation Material	PO-Polyolefin
Jacket	PVC
Nominal Diameter	0.260in (6.6mm)
Suitability	Riser, Indoor
Storage Temperature Range	-4°F to 167°F (-20°C To 75°C)
Installation Temperature Range	32°F to 122°F (0°C To 50°C)
Operating Temperature Range	-4°F to 167°F (-20°C To 75°C)
Bulk Cable Weight	37 lbs/1000 ft
Max Recommended Pulling Tension	25 lbs
Min. Bend Radius/Minor Axis	1.25 in (31.75 mm)
Min. Bend/Installation	3.0 in (76.2 mm)



### Electrical Properties

Specification	Value
Capacitance (pF/ft)	17
Delay (ns/100 m)	537 @ 100 MHz
DCR Unbalance @ 20°C	3%
Nominal Velocity of Propagation VP (%)	70
NEC/(UL) Specification	Article 800, CMR;CMR-LP (0.5A);CL3R-LP (0.5A)
Standards	Category 6A - TIA 568.2-D

### Ordering Information

PPC Part Number	Description
PCAUVRM XXXYYYY	CAT6A, U/UTP, CMR

XXX - Color Code

YYYY - Packaging Code

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