

PerfectLink™

Category 6A Cable

PCAUVPM



General Description

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

Usage (Overall):

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

Performance Specifications

Specification	Value
Conductors (4 Pairs)	AWG: 23
Conductor Material	BC - Bare Copper
Insulation Material	FEP - Fluorinated Ethylene Propylene
Jacket	PVC
Nominal Diameter	0.250 in (6.35mm)
Suitability	Plenum, 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	34lbs/1000 ft
Max Recommended Pulling Tension	25 lbs
Min. Bend Radius/Minor Axis	1 in (25mm)
Min. Bend/Installation	3.0 in (76.2 mm)

Electrical Properties

Specification	Value
Delay (ns/100 m)	537 @ 100 MHz
Nominal Velocity of Propagation VP (%)	69%
NEC/(UL) Specification	Article 800, CMP, CMP-LP (0.5A), CL3P-LP (0.5A)
Standards	Category 6A - TIA 568.2-D



Ordering Information

Example	PCAUVPM	WHT	R	1000
Character	PCAUVPM	1	2	3

1. Jacket Color

WHT = White
BLK = Black
GRY = Grey
BLU = Blue
RED = Red

GRN = Green
YEL = Yellow
PUR = Purple
ORG = Orange

2. Packaging

R = Reel

3. Length

1000 = 1,000 ft

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