PerfectLink™

Category 6A Cable

PCAFVXM

PPC
A BELDEN BRAND

General Description

CAT6A (500MHz), 4-Pair, F/UTP-Shielded, Riser-CMR, CMX Outdoor, Premises Horizontal Cable, Pair separator, Ripcord

Usage (Overall):

Premises Horizontal Cable, Outdoor, Riser, Gigabit Ethernet, 100BaseTX, 100BaseVG, ANYLAN, 155ATM, 622ATM

Performance Specifications

Specification	Value
Conductors (4 Pairs)	AWG: 23
Conductor Material	BC - Bare Copper
Insulation Material	PO-Polyolefin
Jacket	UV Resistant PVC (720 hr)
Nominal Diameter	0.275in (7.0mm)
Suitability	Indoor, Outdoor, Sunlight Resistant, Oil Resistant
Storage Temperature Range	-40°F to 167°F (-40°C To 75°C)
Installation Temperature Range	-4°F to 167°F (-20°C To 75°C)
Operating Temperature Range	-40°F to 167°F (-40°C To 75°C)
UL Temperature Range	75C (UL AWM Style 444)
Bulk Cable Weight	30 lbs/1000 ft
Max Recommended Pulling Tension	40 lbs
Min. Bend Radius/Minor Axis	0.750 in (19.05 mm)
Min. Bend/Installation	2.50 in (63.5 mm)

Electrical Properties

Specification	Value
Capacitance (pF/ft)	17
Delay (ns/100 m)	537 @ 100 MHz
DCR Unbalance @ 20°C	3%
Nominal Velocity of Propogation VP (%)	64
DCR @ 20°C (Ohm/100m)	7.3
NEC/(UL) Specification	CMG, CMR, CMX-Outdoor Telecommunications
Standards	Category 6A - TIA 568.C.2, UL444

Ordering Information

Example	PCAFVXM -	WHT	R	1000
Character	PCAFVXM -	1	2	3

1. **Jacket Color**
   WHT = White
   BLK = Black
   GRY = Grey

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*

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These products may be protected by one or more patents. For further information, please visit: www.ppc-online.com/patents

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