Product: [DAUP](#) ⧉

Category 6A Cable, 4 Pair, U/UTP, CMP

Product Description

Category 6A Premise Horizontal Cable, 4 Pair, 23 AWG Solid Bare Copper Conductors, U/UTP, Plenum-CMP, Flamarrest® PVC-LS Jacket

Technical Specifications

Product Overview

Suitable Applications:	Premise Horizontal Cable, Ethernet 10GBASE-T

Construction Details

Conductor

Size	Stranding	Material	No. of Pairs
23 AWG	Solid	BC - Bare Copper	4

Insulation

Material	Color Code
FEP - Fluorinated Ethylene Propylene	White & Blue, White & Orange, White & Green, White & Brown

Outer Jacket

Separator	Material	Material Trade Name	Nom. Diameter	Ripcord
Center Member (Patented X-Spline®), EquiBlock™ Barrier Technology	PVC - Polyvinyl Chloride	Flamarrest®	0.250 in (6.35 mm)	Yes

Overall Cable Diameter (Nominal):	0.250 in (6.35 mm)

Electrical Characteristics

Electricals

Max. Conductor DCR	Max. Capacitance Unbalance
82 Ohm/km (25 Ohm/1000ft)	45 pF/100m

Delay

Frequency	Max. Delay	Max. Delay Skew	Nom. Velocity of Prop.
100 MHz	537.6 ns/100m	45 ns/100m	69%

Voltage

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

UL Temperature	Operating	Storage
75°C	-20°C To +75°C	-20°C To +75°C

Bend Radius

Stationary Min.
1 in (25 mm)

Max. Pull Tension:	25 lbs (11 kg)
Bulk Cable Weight:	34 lbs/1000ft (51 kg/km)

Standards and Compliance

Environmental Suitability:	Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6
NEC / UL Compliance:	Article 800
CEC / C(UL) Compliance:	CMP
ICEA Compliance:	S-116-732
IEEE Compliance:	IEEE 802.3bt Type 1, Type 2, Type 3, Type 4
NEMA Compliance:	ANSI/NEMA WC-66
Data Category:	Category 6A
TIA/EIA Compliance:	ANSI/TIA-568.2-D Category 6A
ISO/IEC Compliance:	ISO/IEC 11801-1, IEC 61156-5
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	DAUR

Product Notes

Notes:	Electrical values are expected performance based on cable testing and representative performance within a typical Belden system. Print Includes Descending Footage/Meter Markings from Max. Put-Up Length to 0.

History

Update and Revision:	Revision Number: 0.14 Revision Date: 12-12-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length
DAUP 0101000	Black	Reel	1,000 ft
DAUP D151000	Blue	Reel	1,000 ft
DAUP 0081000	Gray	Reel	1,000 ft
DAUP 0051000	Green, Dark	Reel	1,000 ft
DAUP 0031000	Orange	Reel	1,000 ft
DAUP 0021000	Red	Reel	1,000 ft
DAUP 0091000	White	Reel	1,000 ft
DAUP 0041000	Yellow	Reel	1,000 ft