

**Product:** [BEL601](#) 



## DataConnect CAT 6 UTP Cable

### Product Description

DataConnect CAT 6 UTP Cable, 4 Pairs, 24 AWG Solid Bare Copper Conductors, U/UTP, PVC Jacket, Indoor

### Technical Specifications

#### Product Overview

Suitable Applications:	Belden DataConnect system is designed to provide standards-compliant cabling solutions for typical Ethernet data applications, include Retail shops, shopping malls & outlets, restaurants, bars/pubs, residential buildings etc., which is suitable for permanent & channel link installation
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#### Construction Details

##### Conductor

Element	Size	Stranding	Material	No. of Pairs
Pair(s)	24 AWG	Solid	BC - Bare Copper	4

##### Insulation

Material	
PE - Polyethylene	
Overall Cable Diameter (Nominal):	5.7 mm (0.22 in)

#### Electrical Characteristics

##### Voltage

UL Voltage Rating
Max. 72 V DC

#### Mechanical Characteristics

##### Temperature

Operating	
-20°C To +60°C	
Bulk Cable Weight:	39 Kg/km

#### Standards and Compliance

Flammability / Reaction to Fire:	CMX, IEC 60332-1-2
GB Compliance:	GB/T 18380.1
CEC / C(UL) Compliance:	C22.2 No.210
Data Category:	Category 6
TIA/EIA Compliance:	TIA/EIA 568.2-D
ISO/IEC Compliance:	IEC 11801 Class E
Other Standard Compliance(s):	AS/NZS1660.5.6

#### Product Notes

Notes:	Cabling Filler: Central Spline GB/T Compliance : GB/T 18380.1 Electrical withstand voltage : 1.5kV ac for 2 seconds
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History

Update and Revision:	Revision Number: 0.34 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length
BEL601 006U305M	Blue	Box	305 m

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