ADD-1FSLCAT6-BE

1ft RJ-45 (Male) to RJ-45 (Male) Straight Blue Cat6 Slim UTP PVC Copper Patch Cable

Features

- Color: Blue
- Length: 1ft
- RJ-45 (Male) to RJ-45 (Male)
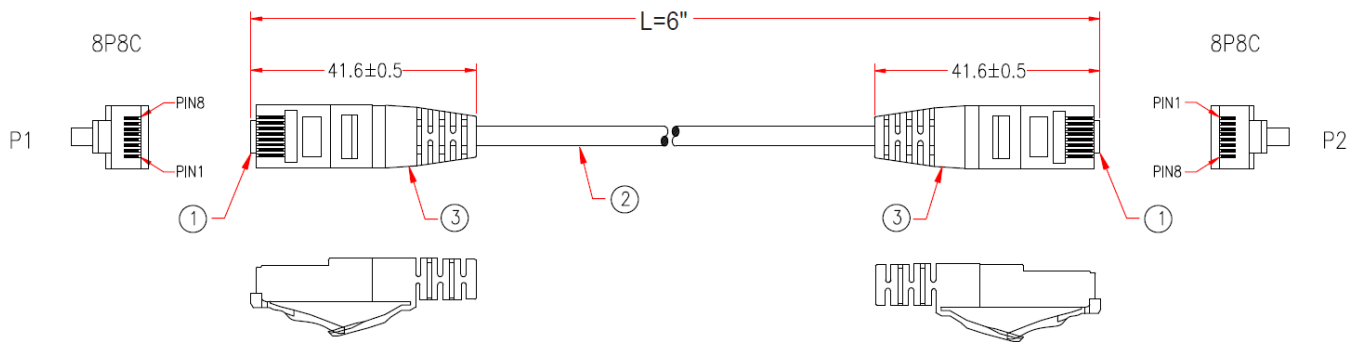- 28AWG
- Copper Patch Cable
- PVC Jacket

Product Description

This is a 30cm (1.0ft) RJ-45 (male) to RJ-45 (male) blue Cat6 Slim UTP PVC-rated patch straight cable that is used for high speed data transfer. Our patch cables are 100% compliant for all of your networking needs and are guaranteed by federal law to not affect or void OEM warranties.

Specifications

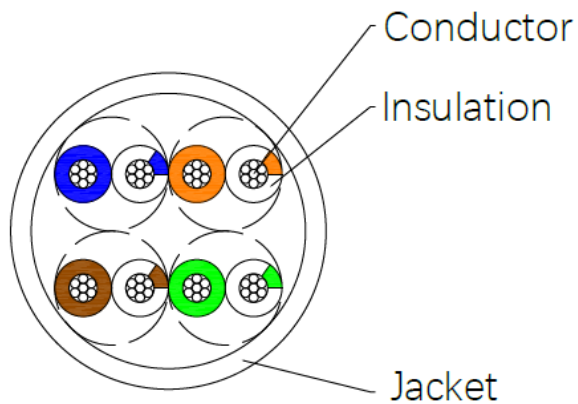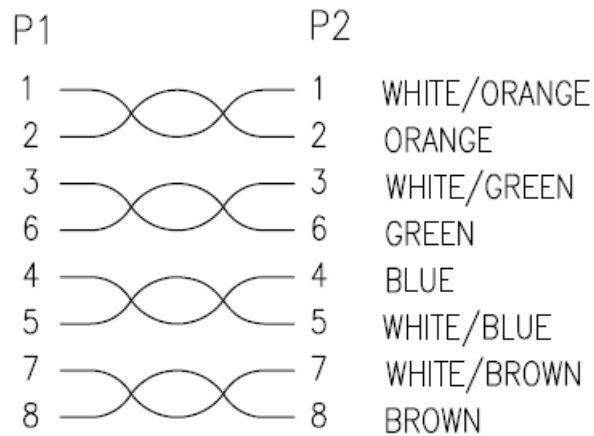| Parameter	Specifications
Application	Patch
Cable Mode	Slim UTP
Color	Blue
Connector	RJ-45 (Male) to RJ-45 (Male)
Core/Cladding	28AWG
Jacket Type	PVC
Length (ft)	1
Length (m)	0.3
Media	Copper
Standard	Cat6
Strand Count	8
Termination Type	Straight
Tolerance	±10mm
Insertion Loss	4-250MHz
Return Loss	4-250MHz
Input Impedance	4-250MHz
330PF/100M Input Impedance 4-100MHz	100±15Ω
330PF/100M Input Impedance 100-250MHz	100±22Ω
Mean Characteristic Impedance @100MHz	100±5Ω
Nominal Velocity of Propagetion (NVP)	68±2%
Propagation Delay @100MHz	≥537.6ns/100M
Propagation Delay Skew MAX	≥45ns/100M
DC Resistance Unbalance	Max. 2%
Pair-to-Ground Capacitance Unbalance	Max.
Physical Properties	
Insulation Tens. Strength	>1.68Kgf/mm^2
Insulation Elongation	>300%
Jacket Tens. Strength	>1.41Kgf/mm^2
Jacket Elongation	>100%
Conductor Resistance	<93.8Ω/km @20˚C
Insulation Shrinkback	121˚C x 1Hr
Insulation Cold Bend	-20˚C x 4Hr
Jacket Cold Bend	-20˚C x 4Hr

Mechanical Specifications

Notes:

1. 8P8C Modular Plug, Gold Plating 50u" on Contacts.
2. 4 Twisted Pairs Mini CAT. 6 28 AWG UTP, OD 3.6mm, Blue Jacket.
3. 8P8C Transparent Boot (OD 4.5mm).

Cable Cross Section

Wiring Connection

P1		P2	
1		1	WHITE/ORANGE
2		2	ORANGE
3		3	WHITE/GREEN
6		6	GREEN
4		4	BLUE
5		5	WHITE/BLUE
7		7	WHITE/BROWN
8		8	BROWN

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is in engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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