

## CAPFCU-B25 Modular Connectors - FIELD CRIMPED PLUG 8MOD (RJ45) CAT6/6A UTP KIT



For more Information  
please call

1-800-Belden1



### General Description:

FIELD CRIMPED PLUG 8MOD (RJ45) FIELD CAT6/6A UTP (25-PACK)

### Usage (Overall)

<b>Suitable Applications:</b>	TIA Category 6 & TIA Category 6A, ISO Class E, ISO Class EA, 1000BASE-T, 10GBase-T
<b>Related Parts:</b>	Boot CB6MM, Boot CB7MM & Boot CB8MM , Recommended CAT6 & CAT6A UTP cables (Solid & Stranded).

### Physical Characteristics (Connectivity)

#### Dimensions

##### Dimensions:

Height (mm)	Width (mm)	Length (mm)
7.925	11.684	22.479

#### Materials

##### Materials:

Description	Type	Material
Plug	RJ45	Polycarbonate
Contact		Phosphor Bronze Alloy Plated with 50u inch Gold

#### Color

<b>Color:</b>	Clear
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#### Weight

<b>Weight:</b>	0.039 kg
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#### Included Parts

<b>Included Parts:</b>	RJ45 Plug, Load Bar, Wire guide, Installation Guide.
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#### Packaging

<b>Packaging:</b>	Kit of 25 units per Bag.
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### Mechanical Characteristics (Connectivity)

#### Termination Interface:

Termination	Connection	Durabilities
RJ45	Mated Connection	1000 Cycles

<b>Operating Temperature Range:</b>	-40°C To +85°C
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<b>Tool Compatibility:</b>	Crimping Tool CTPFC01
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### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>UL Rating:</b>	94V-0
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<b>Other Standards:</b>	FCC Part 68, Subpart F, IEC 60603-7
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<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
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<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	07/01/2006
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<b>Telecommunications Standards:</b>	Category 6A - ISO/IEC 11801:2002 Ed.2, TIA 568.2-D
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## CAPFCU-B25 Modular Connectors - FIELD CRIMPED PLUG 8MOD (RJ45) CAT6/6A UTP KIT

**Safety Listing:** c(UL)us Recognized Component

**Other Specification:** Complies with ANSI/TIA-1096-A Requirements.

### Suitability

**Suitability - Indoor:** Yes - Indoor

### Transmission Characteristics (Connectivity)

**Mated Connection Table - Footnote:** \* Category 6 - TIA 568.2-D when tested with Recommended CAT6 Cables.  
Category 6A - TIA 568.2-D when tested with Recommended CAT6A Cables.

**Dielectric Strength:** 1,000 V RMS @ 60 Hz for 1 minute

**Current Rating:** 1.500 A

**Insulation Resistance:** 500 M-Ohm Minimum

**Max. Contact Resistance:** 10 m-Ohm

### Notes (Overall)

**Notes:** For additional information about this product, refer to Installation Guide PX106195, or visit our web at <http://www.belden.com>

**Notes (Cont'd.):** Suitable for Conductors with insulation OD range 0.037~0.045 in. and for Cable OD range 0.23~0.31 in. (6~8 mm ). Please refer to the cable-plug compatibility guide 'Plug Compatibility Matrix V1 ECOS BDC 0415 A AG' for proper pairings.

### Product Family

#### Part Number List:

Description	Part Number
8MOD (RJ45) FIELD CRIMPED PLUG KIT CAT5E SHIELDED (25-PACK)	C5PFCF-B25
8MOD (RJ45) FIELD CRIMPED PLUG KIT CAT5E/6 UTP (25-PACK)	C6PFCU-B25
8MOD (RJ45) FIELD CRIMPED PLUG KIT CAT6/6A UTP (25-PACK)	CAPFCU-B25
8MOD (RJ45) FIELD CRIMPED PLUG KIT CAT6/6A SHIELDED (25-PACK)	CAPFCF-B25
BOOT 6MM FOR FIELD CRIMPED PLUG, BLACK (100-PACK)	CB6MMBK-B100
BOOT 7MM FOR FIELD CRIMPED PLUG, BLACK (100-PACK)	CB7MMBK-B100
BOOT 8MM FOR FIELD CRIMPED PLUG, BLACK (100-PACK)	CB8MMBK-B100
CRIMPING TOOL FOR FIELD RJ45 PLUG	CTPFC01

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
CAPFCU-B25	25 EA	2.125 LB			CAT6/6A FIELD CRIMPED PLUG KIT

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