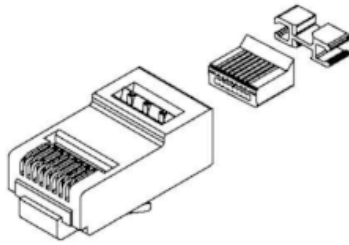


C6PFCU-B25 Modular Connectors - FIELD CRIMPED PLUG CAT5E/6 UTP KIT



For more Information
please call

1-800-Belden1



General Description:

FIELD CRIMPED PLUG 8MOD (RJ45) CAT5E/6 UTP (25-PACK)

Usage (Overall)

| | |
|-------------------------------|---|
| Suitable Applications: | TIA Category 5E & TIA Category 6, ISO Class D, ISO Class E, 1000BASE-T |
| Related Parts: | Boot CB6MM, Boot CB7MM & Boot CB8MM , Recommended CAT5E & CAT6 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

| | |
|---------------|-------|
| Color: | Clear |
|---------------|-------|

Weight

| | |
|----------------|----------|
| Weight: | 0.039 kg |
|----------------|----------|

Included Parts

| | |
|------------------------|--|
| Included Parts: | RJ45 Plug, Load Bar, Wire guide, Installation Guide. |
|------------------------|--|

Packaging

| | |
|-------------------|--------------------------|
| Packaging: | Kit of 25 units per Bag. |
|-------------------|--------------------------|

Mechanical Characteristics (Connectivity)

Termination Interface:

| Termination | Connection | Durabilities |
|-------------|------------------|--------------|
| RJ45 | Mated Connection | 1000 Cycles |

| | |
|-------------------------------------|----------------|
| Operating Temperature Range: | -40°C To +85°C |
|-------------------------------------|----------------|

| | |
|----------------------------|-----------------------|
| Tool Compatibility: | Crimping Tool CTPFC01 |
|----------------------------|-----------------------|

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|--|--|
| UL Rating: | 94V-0 |
| Other Standards: | FCC Part 68, Subpart F, IEC 60603-7 |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 07/01/2006 |
| Telecommunications Standards: | Category 5e - TIA 568.C.2, Category 6 - TIA 568.C.2, ISO/IEC 11801:2002 Ed.2 |
| Other Specification: | Complies with ANSI/TIA-1096-A Requirements. |

Suitability

| | |
|------------------------------|--------------|
| Suitability - Indoor: | Yes - Indoor |
|------------------------------|--------------|

C6PFCU-B25 Modular Connectors - FIELD CRIMPED PLUG CAT5E/6 UTP KIT

Transmission Characteristics (Connectivity)

| | |
|---|---|
| Mated Connection Table - Footnote: | * Category 5E - TIA 568.C.2 when tested with Recommended CAT5E Cables. Category 6 - TIA 568.C.2 when tested with Recommended CAT6 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 PX106194, or visit our web at http://www.belden.com |
| Notes (Cont'd.): | Suitable for Conductors with insulation OD range 0.037~0.042 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) | C6PFCU-B25 |
| 8MOD (RJ45) FIELD CRIMPED PLUG KIT CAT6/6A SHIELDED (25-PACK) | C6PFCF-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 |
|------------|-------|-------------|-------|-------|--------------------------------|
| C6PFCU-B25 | 1 EA | 0.085 LB | | | CAT5E/6 FIELD CRIMPED PLUG KIT |

Revision Number: 0 Revision Date: 04-23-2015

© 2016 Belden, Inc.
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.