

Product: [90000005](#) 

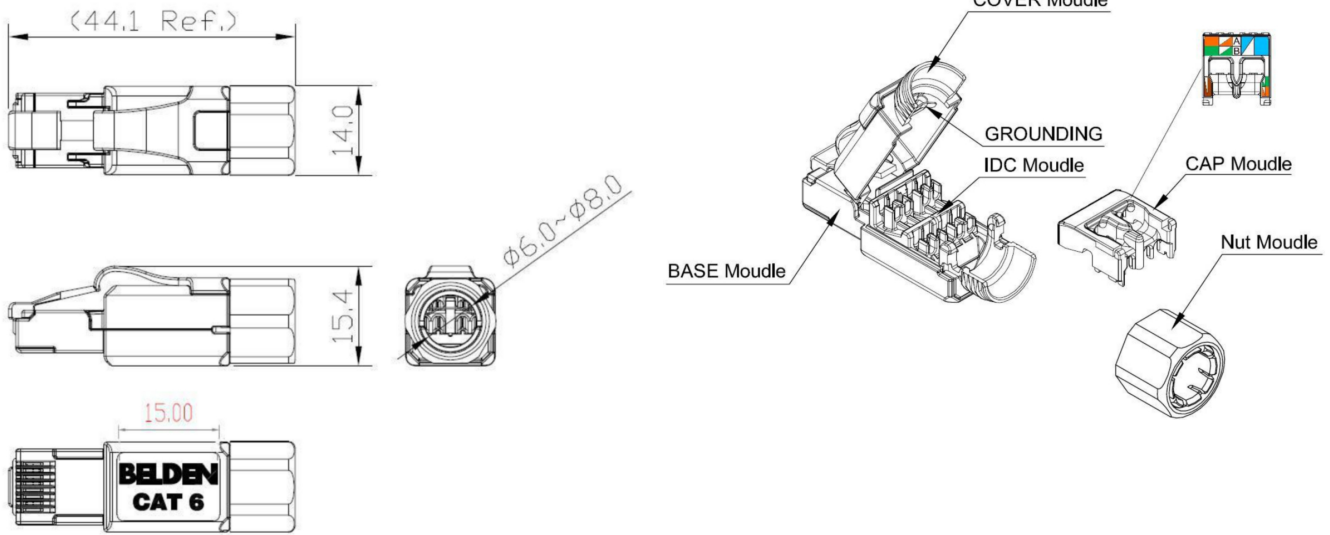
CAT 6 Shielded Field Terminable Plug



Product Description

CAT 6 Shielded Field Terminable Plug Individually Packed in Single Plastic Bag

Technical Drawing



Technical Specifications

Physical Characteristics (Overall)

Table Notes:	Conductor Type : Stranded & Solid
Conductor Size:	22 ~ 26 AWG

Insulation

Nominal Diameter
1.6 mm

Outer Jacket

Nominal Diameter
6.0 - 8.0 mm

Packaging:	Individually packaged in a plastic bag.
Weight:	16.5 g

Connectors

Materials

Description	Material
Plug Housing	Zinc-alloy full shielded
Contact Blade	Phosphor bronze alloy plated with 50 micro-inch of Gold

IDC	Phosphor Bronze alloy with 100 micro-inch 100% Sn Alloy
-----	---

Electrical Characteristics

Insulation Resistance:	500 mΩ min. 100 D.C
Max Contact Resistance:	20 mΩ

Voltage

Description	Dielectric Withstand Voltage
Dielectric withstanding Voltage	1000 D.C or A.C. Peak
Contact to Contact	1500V D.C or A.C Peak

Temperature Range

Operating Temperature Range:	-10°C To +60°C
------------------------------	----------------

Mechanical Characteristics

Termination Type:	RJ45
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
Termination Rear Connection:	Re-termination
Termination Rear Connection Durability:	Max. 20 cycles
Protection Degree / IP Rating**:	IP20

Standards

ANSI Compliance:	ANSI/TIA 568.2-D
Other Standards:	CC-Link IE Field, CC-Link IE TSN

Applicable Environmental and Other Programs

EU Directive 2011/65/EU (RoHS 2):	Yes
-----------------------------------	-----

Product Notes

Included Parts:	CAP module and nut module
-----------------	---------------------------

History

Update and Revision:	Revision Number: 0.41 Revision Date: 11-14-2024
----------------------	---

© 2025 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.