



Product: [90000006](#)

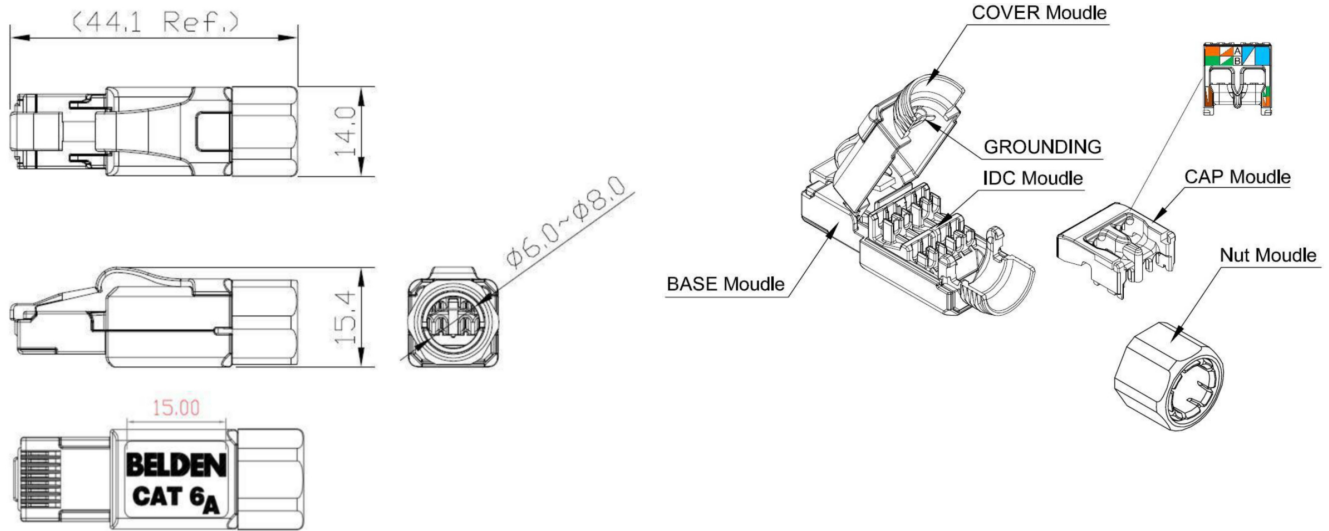
CAT 6A Shielded Field Terminable Plug



Product Description

CAT 6A 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
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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
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Product Notes

Included Parts:	CAP module and nut module
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History

Update and Revision:	Revision Number: 0.26 Revision Date: 05-10-2023
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