

Product Specifications

Product Family	Zybrnet 10G
Category	Cat.6A/7A
Product	Patch Panel Coupler 1:1 Shielded with Metal Mounting
Item no.	ZN66225100



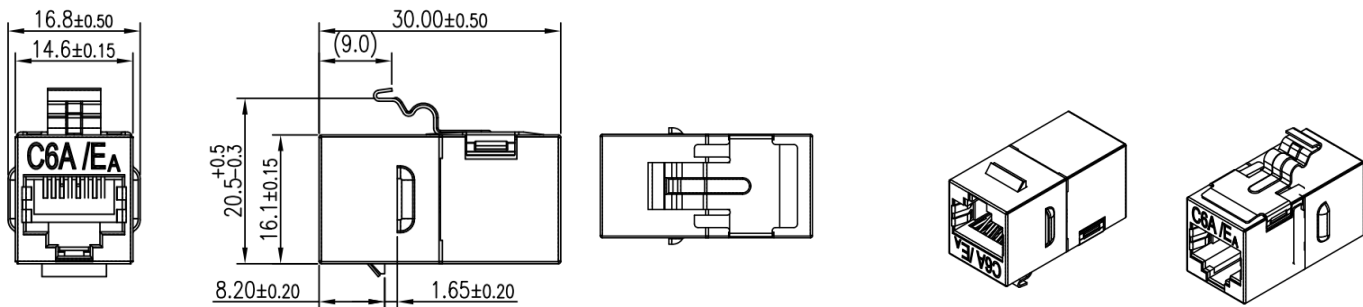
Approvals

RoHS Compliant	POE++	ANSI/TIA-568-C.2	IEC 60603-7-3
CHNELEC EN 50173-1	Qualified Screened Class EA/Category 6A		

Applications & Features

- ✔ Shielded secure metal clips
- ✔ 10G Cat 6A/7A compatibility
- ✔ Dual RJ45 8/8 connectors

Product Drawings



Physical properties

Materials

- Housing
- Shielded
- Bracket
- PCB
- Jack wire

- High Impact Flame Retardant Plastic
- 0.25t Copper alloy with nickel plated
- 0.35t SUS 304
- FR4, 1.0mm Thickness
- Phosphor bronze gold over nickel plated

Electrical & mechanical properties

Electrical

- Current Rating
- Insulation Resistance
- Contact Resistance
- DC Resistance
- Dielectric Withstanding Voltage
- Power over Ethernet

- 1.5 Amps
- 500 Mohms Minimum
- 20 mohms Maximum
- 0.1 ohms Maximum
- 1000VAC RMS @ 60Hz/1min
- IEC 60512-99-002

Mechanical

- Plug Insertion Life
- Plug & Jack Contact Force
- Plug Retention Force
- Temperature

- 750 Cycles Minimum
- 100 Grams Minimum Using FCC-Approved Plug
- 30 lbs Minimum
- 40° to 150°F (-40° to 68°C)

