

## Product Specifications

|                |                                       |
|----------------|---------------------------------------|
| Product Family | Zybrnet                               |
| Category       | Cat.6A                                |
| Product        | CAT.6A Jack, Fully Shielded, Toolless |
| Item no.       | ZN62322229                            |



### Approvals

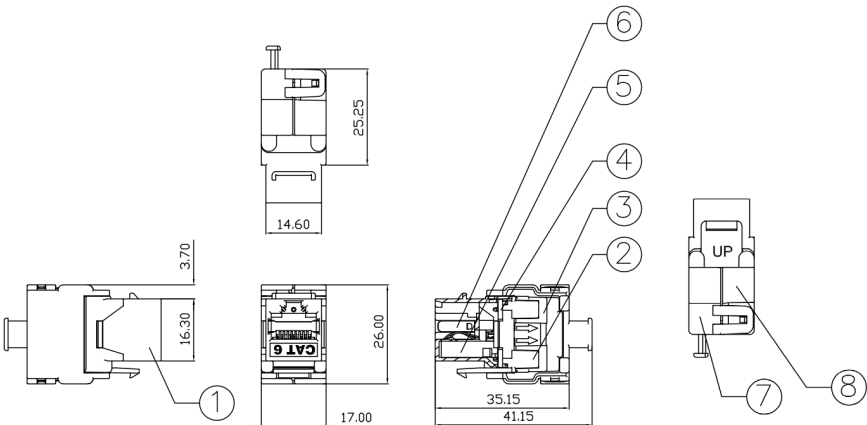
- Attenuation: Meets TIA/EIA-568-B.2-1 Cat.6 requirements.
- Return Loss: Meets TIA/EIA-568-B.2-1 Cat.6 requirements.
- NEXT: Margin at least 10 dB, tested with Fluke DSP4300 PM06 Adapter.
- Transfer Impedance: Meets TIA/EIA-568-B.2-1 Cat.6 requirements.
- 10 Meter short link: Passed.

### Applications & Features

- ✔ Suitable for empty patch panel
- ✔ Suitable for wall outlets

### Product Drawings

| No# | Description   |
|-----|---------------|
| ①   | JACK HOUSING  |
| ②   | IDC MODULE    |
| ③   | CAP           |
| ④   | PCB           |
| ⑤   | INSERT MODULE |
| ⑥   | GROUNDING     |
| ⑦   | JAW1          |
| ⑧   | JAW2          |



### Physical properties

#### Materials

Housing  
SpringWire

IDC

Zinc-alloy fully shielded  
Phosphor Bronze Alloy Plated  
with 50 micro-inch of gold over  
70~100 micro-inch of Nickel  
Phosphor Bronze Alloy With 100  
micro-inch 9:1 Sn-Pb Alloy

### Electrical & mechanical properties

#### Electrical

Electrical Insulation Resistance  
Dielectric Withstanding Voltage  
Spring Wire Contact Resistance  
IDC Contact Resistance  
Current Rating

500 MΩ min. @ 100V d.c  
1000V RMS @ 60Hz for 1 minute  
20 mΩ Max.  
2.5 mΩ Max.  
as figure.

#### Mechanical

Total Contact Force  
Retention  
Insertion / Extraction Life  
IDC Wire Gauge

800 GRAMS for A 8 Wire Leads Minimum  
50N (11 lbf) for 60s ±5s  
750 Cycles Minimum  
22 ~ 26 AWG





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**Environmental Conditions**

**Temperature Range**

Storage

Operation

Relative Humidity (Operational)

Noncondensing

-40 to +70°C

-10 to +60°C

Maximum

93%