Product Specifications

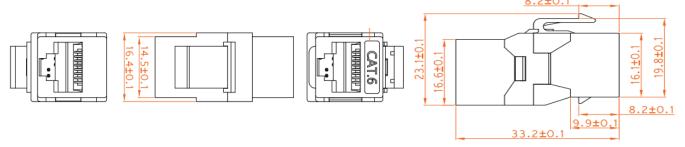|	
Product Family	Zybernet
Category	Cat.6
Product	Zybrnet Patchpaneel Coupler 1:1 Cat 6 UTP
Item no.	ZN500CP1250

Approvals

ISO/IEC 11801   YDT926.3-2009   ANSI/TIA-568-C.2   ISO/IEC 606-03-7   RoHS

Applications & Features

✅ Compatible with all Prestaq empty patchpanels   ✅ Cat.6 UTP RJ45 Female/Female

Product drawings

Physical properties

Materials

Plastic Parts:	High impact flame retardant plastic, UL 94V-0 rated
PCB:	FR-4, 1.2mm Thickness
Jack Wire:	0.35 mm Phosphor bronze gold over nickel plating
IDC Conductor:	0.5mm Phosport bronze, tin-plating
Contact Compatibility:	Accommodates 26 to 23AWG solid

Electrical & mechanical properties

Electrical

Current Rating:	1.5 Amps
Insulation Resistance:	≥ 500 MΩ
Contact Resistance	≤10 mΩ
DC Resistance:	≤ 0.1 Ω
DC/AC Volt Endurance:	DC1000V/AC750V 1min

Mechanical

Mating cycles:	750 Cycles Minimum
Operating temperature:	-10~60°C
Operating humidity:	10%~90%RH
Storage temperature:	-40°C TO 68°C
Plug Retention Force:	≥ 11 lbf
Durability:	200 TERMINATION CYCLES
Plug & Jack Contact Force:	≥100 Grams WITH FCC COMPLIANT RJ-45 PLUG