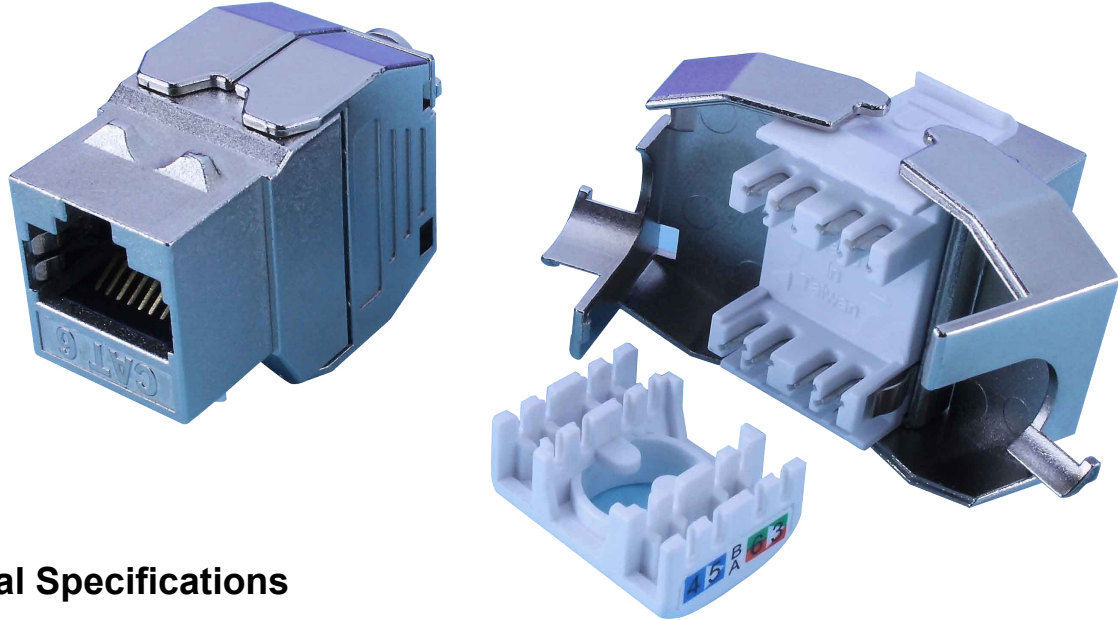


OPTRO NET

Copper Structured Cabling

ON-6KTHL-F1ZNZ-72 C6, Keystone Jack, Horizontal Narrow, Toolless Type, FTP



Electrical Specifications

- Insulation Resistance : 500 MΩhm minimum @ 100 Vdc
- Dielectric Withstanding Voltage : 1000 Vac rms @ 60Hz for one minute
- Current Rating : 1.5 Amps
- Spring wire contact resistance : 20 mΩhm maximum
- IDC contact resistance : 2.5 mΩhm maximum

Mechanical Specifications

- Total Contact force : >100 GRAMS per contact wire lead
- Retention : 50 N(11 lbf) for 60s ± 5s
- Durability : 750 cycles minimum
- Conductor compatibility : 22 ~ 24 AWG
- Temperature range storage : -40°C ~ +70°C
- Temperature range operation : -10°C ~ +60°C

Performance

Meets TIA/EIA-568B-C.2 Cat.6 Channel and 15M short Permanent Link requirements

Materials

Housing	Zinc Alloy
PCB	FR4, 1.6mm thickness
Spring wire	Phosphor Bronze Alloy plated with 50 micro-inch of gold over 40 micro-inch of nickel
IDC SEAT	High Impact flame retardant plastic, UL 94 V-0 Rated
IDC	Phosphor Bronze alloy plated with 100 micro-inch of tin