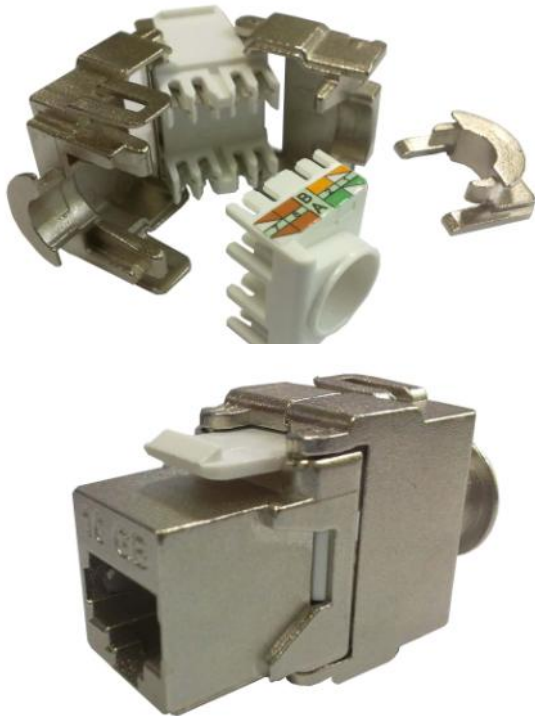


Category 6 Shielded Modular Jacks

Category 6 Shielded 180 Degree Modular Jacks

Infinique's Premium Category 6 Shielded 110 IDC Keystone Jacks are for setting up transmission channels of Class E and Class EA with up to 4 plugged connections, and complies with Category 6 requirements of the standards ISO/IEC 11801, EN 50173-1, and ANSI/TIA/EIA 568C. They are of universal design and the label supports T568A & B wiring. Electrical performance of these jacks are guaranteed to meet or exceed the category 6 channel specification. 110 IDC terminations allow for quick and easy termination of 22 to 24 AWG cable.

They come with bend limiting strain relief cover which provides cylindrical support to limit the bend radius at the point of termination. They can be snapped into Infinique's face plates, floor mount brackets and modular patch panels.



ELECTRICAL SPECIFICATIONS

Dielectric Strength	1,000V RMS at 60Hz/minute
Current Rating	1.5 Amps
Insulation Resistance	500MΩ minimum
Contact Resistance	20MΩ per contact
Maximum DC Resistance	0.1Ω
Operating Temperature	-10°C to +60°C
Storage Temperature	-40°C to +70°C
Transmission Performance	TIA/EIA-568-C 10 channel and link performance

PHYSICAL PROPERTIES

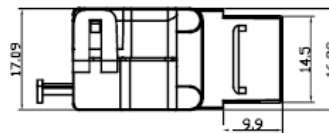
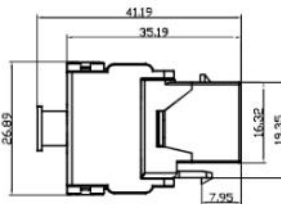
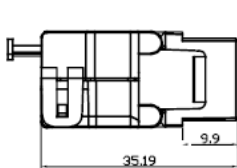
Jack Material	Zinc Alloy, High impact flame resistance PC
RJ45 8-Pin Connector	FCC part 68, Subpart F and IEC-60603-7 compliant
IDC Durability	> 1500 mating cycles
IDC Material	Phosphor Bronze with 50 micro-inches of gold over 70-100 micro-inches of nickel plating
IDC Connector	Suitable insulation of 22 to 26 AWG
Connector Material	Phosphor Bronze alloy with 100 micro-inch 100% Sn alloy
Contact Strength	100G

STANDARDS / COMPLIANCE

Meets ANSI/TIA/EIA-568-B.2-1 Category 6 requirements
 Meets TIA/EIA TSB-40 requirements
 Meets ISO/IEC Generic Cabling Standard 11801:2002 ed.2.0
 Meets CENELEC Generic Cabling Standard EN50173 - 1:2002
 RoHS Compliant

ETHERNET APPLICATIONS SUPPORTED

Suitable for 10GBase-T applications in accordance with IEEE 802.3an up to 500 MHz and 100 m.



ORDERING INFORMATION

Part Number	Description
INKJ6D180S	Infinique Category 6 Shielded Modular Jacks, Metallic Grey

Delivery: One Modular Jack per bag.

Infinique's Extended Product Warranty provides a 25-year product and applications assurance of compliance with the industry performance standards appropriate to the class of cabling installed. This is a link performance warranty, covering patch panel to outlet and may be applied for by an Authorized Infinique's Channel Partner who has designed, supplied and installed the system.

