

RiT SMARTen (Category 6A) Shielded field termination keystone jack is cost-effective building block for your cabling system. Meticulously engineered to deliver exceptional performance while streamlining installations.

Phosphor bronze IDC contacts ensure excellent conductivity, durability, and outstanding resistance against wear or corrosion. With innovative Jack design, keeps pairs together to streamline the installation process. High quality connectors ensure system reliability and stability by press-fit assembly process.

KEY APPLICATIONS

10 Gigabit Ethernet 10GBASE-T
Gigabit Ethernet 1000Base-T
HDBaseT
Voice, T1, ISDN
Power over Ethernet (PoE)

STANDARDS COMPLIANCE

ISO/IEC 11801-2nd edition
ANSI/TIA/EIA-568-C.2
IEC 60603-7-51
IEEE 802.3at PoE+
RoHS Compliant

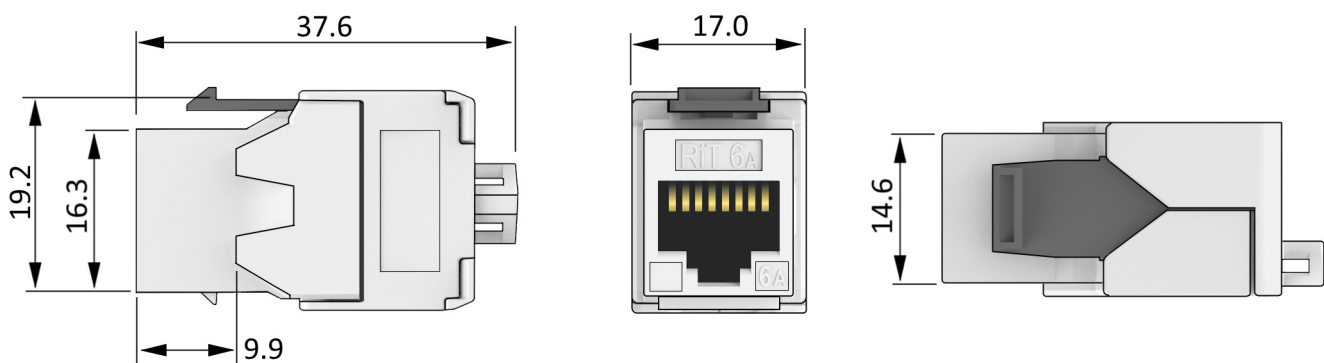
PRODUCT FEATURES

- Slim design, supports up to 48 keystones in 1RU
- Toolless keystone jack
- Confirms to Category 6A Connecting Hardware Requirements
- Supports solid or stranded 22-24 AWG wires
- Compatible with horizontal cables of up to 9.0 mm outer diameter
- Simple assembly and installation for reliable performance
- The jacks fit in standard openings as per IEC 60603-7
- EC Verified
- UL Listed
- Designed to comply with IEC 60512-99-002 standard, for supporting PoE, PoE+ applications (IEEE 802.3at , Type 2, 30W)

TECHNICAL FEATURES

Keystone Jack Metal Parts	Zinc die-casting with nickel plated
RJ45 Jack contacts	Phosphor Bronze, Nickel plated
RJ45 Jack Contacts finish	50 micro-inch gold plated on plug contact area
IDC Plastic Housing	PC FR, Color: Black
IDC Metal Contacts	Phosphor Bronze, Tin plated
PCB	FR4, UL 94-V0
Plastic Wire Organizer	PC, Color: White
Wiring	T568A & T568B
Rj45 Plug Insertion force	3 Kg Max according to IEC 60603-7
Patch Cord retention strength	13 Kg
IDC Conductors	Accepts 22-24 AWG Solid and Stranded wires
Operating Temperature:	-40°C +65°C
RJ45 Jack Durability	≥750 Plug-Jack mating cycles

TECHNICAL DRAWING



ORDERING INFORMATION

P/N	DESCRIPTION
R3110682	SMARTen (CAT 6A) STP Keystone Jack, C/H, HD