



RiT's Keystone Jack is a cost-effective building block for your cabling system. The jack can be used with both communications outlets and patch panels to maximize the flexibility of your inventory.

The jack is compatible with a wide range of standard international faceplate and patch panels. The jack supports both solid and stranded cables, and fits in standard IEC 60603-7 openings.

STANDARD COMPLIANCE

- ISO/IEC 11801-1:2017 (Ed. 1.0)
- ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 60603-7-51:2010 (Ed.1.0)
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-E:2024
- IEC 60512-99-002:2022 (PoE++)
- Note: The TIA Annex J recommends that permanent links should not be less than 10 meters. Short Category 6A links (<10 meters) may be difficult to pass.

PRODUCT FEATURES

- Slim design, supports 24 keystones in 1 row, 1U
- Tool-Less
- High performance, supports Category 6A performance specifications up to 500 MHz
- Conforms to Connecting Hardware requirements as per: ANSI/TIA/EIA-568.2-D, for Category 6A/CLASS EA, ISO/IEC 11801-1:2017 (Ed. 1.0)
- 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
- Compatible with a variety of international faceplates and patch panels IEC 60603- 7
- Designed to comply with IEC 60512-99-002 standard, for supporting PoE, PoE+ and PoE++ applications (IEEE 802.3bt , Type 4, 100W)



TECHNICAL FEATURES

Plug Insertion Life	≥ 750 times
RJ45 Jack Housing	Zinc die-casting with nickel plated
RJ45 Jack Contacts	Phosphor bronze with nickel plated
RJ45 Plug Contact Finish	50µin gold plated over contact area
IDC Contacts	Tin plated phosphor bronze
Max Mating /Unmating Force	30 N
Contact Force	99.2 g (3.5 oz) FCC Plug
Plug Retention Force	7.7 Kg (75.5 N)
Flammability	Conforms to UL 94V-2
Standards	Jack openings comply with IEC 60603-7
Environment	Temperature: -10°C to 60°C (14°F to 140°F) Humidity: 0-90% non-condensing

ORDERING INFORMATION

P/N	DESCRIPTION
R3110682B	SMARTen (CAT6A) Keystone HD STP Jack, C/H