

KS-C8 RJ-45 Female Module Cat 8.1, shielded



Applications

PAMix KS-C8 CAT 8.1 Class I RJ-45 female connector designed to provide excellent voice, data and video signal transmission. It supports 25G according to IEEE 802.3bq and 40G Ethernet application, frequency up to 2000 MHz. 360° shielding minimizes EMI/RF noise. It supports all POE standards up to 4PPOE.

General Construction

Solid Zinc die casting housing, spring contacts are Phosphor bronze plated with gold for excellent stable performance. Compatible with standard data cable from AWG26 to AWG22. Its 180° housing movable wings make termination easy and fast.

Technical Information

- Cat 8.1 25G according to IEEE 802.3bq and 40G 2000MHz Class I performance
- RJ45-Jack, 8P8C connector
- Snap in connector fixing force < 30N
- Compliance with the component standard IEC 60603-7-1.
- Support PoE & PoE+ applications (IEEE 802.3af, 802.3at)
- Solid cable termination 1/22AWG (0.65mm) to 1/24AWG (0.45mm)
- Stranded cable termination 7/22AWG (0.76mm) to 7/26AWG (0.48mm)
- 5.0mm – 8.5mm cable OD
- Support EIA/TIA 568 A & B termination standards and label color code
- Tool-less jack module
- Tool free mounting in patch panels
- Movable wings' necks ensure 360° fully cable shielding locked by plastic tie
- Re-usable once in case of pad termination or cable damage
- 20.0 g weight
- 19.62 X 16.0 X 36.8 mm (H X W X D)
- Operating temperature -10 to 60 °C
- Storage temperature -40 to 70 °C



- 1.2MM UL94V0 PCB
- Fireproof UL94V0 IDC body
- Snap in force < 30N

Standards

Meeting connector standards IEC 60603-7-1, IEC 60512-99-001 and cable standards ISO/IEC 11801, EN 50173-1, TIA/EIA 568-x Class I

Ordering Information

| Description | Article Number |
|---|----------------|
| KS-C8 RJ-45 Female Module Cat 8.1 Class I, shielded | 1005254 |

Related Products

| Description | Article Number |
|--|----------------|
| 1U 24 ports Patch panel STM-1P | 1005011 |
| 1U 24 port Patch panel, strain relief STM-ARM | 1005002 |
| 1U 48 port Patch panel, strain relief STM-ARM | 1005003 |
| 0.5U 24 port Patch panel, strain relief STM-ARM Metallic | 1005006 |