

CONNEX HIGH PERFORMANCE PLUG EXTRA LARGE

**Suitable For Cables Up To Category 8
22 AWG to 26 AWG**



Application

CONNEX's high-performance extra-large plug is specifically designed for cables with large outer diameters, ensuring easy termination. It meets the latest industry standards and performance requirements, requiring no special tools. Compatible with all NEK SEALINE cables in the LANMARIN® CAT series, the plug offers up to 1200 contact cycles and is ideal for PoE+ (IEEE802.3at) applications.



- **Compliant to standards: ISO/IEC 11801-1 & ANSI/TIA-568.2-D**
- **Designed to meet the Category 6A patch cord standard and Category 8 at the channel level.**
- **Designed to withstand 1200 mating cycles**
- **Compatible with both solid and stranded conductors ranging from 22 AWG to 26 AWG**
- **Supports primary insulation thickness up to 1.5 mm**
- **Accommodates cable diameters ranging from 6.0 mm to 8.5 mm**

General Specifications

Housing Material	Polycarbonate UL 94V-0
Contact Material	50μ" gold-plated phosphor bronze
Cable Compatibility	23AWG, Up to 8.5mm
Standards Compliance	FCC 68F, ANSI/EIA/TIA-568, IEC-60603-7, IEEE 802.3at, ISO/IEC 11801

Environmental

Operation	-40°C to +70°C
Voltage Handling	Over 240V AC or DC
Current Handling	Up to 0.6A (PoE+ compliant)
Contact Resistance	20mΩ maximum
Insulation Resistance	500MΩ minimum

Mechanical

Contact Design	3-prong for solid and stranded cables
Plug Construction	2-part, shielded, no soldering
Shielded Material	Nickel-plated brass

Packing Information

Part number	CK-P15-6-Y (Supplied in bag of 50 pieces each bag)
Part number	CK-P15-6-Y#50 (Supplied in packs of 50, with 10 packs (500 units) per carton)