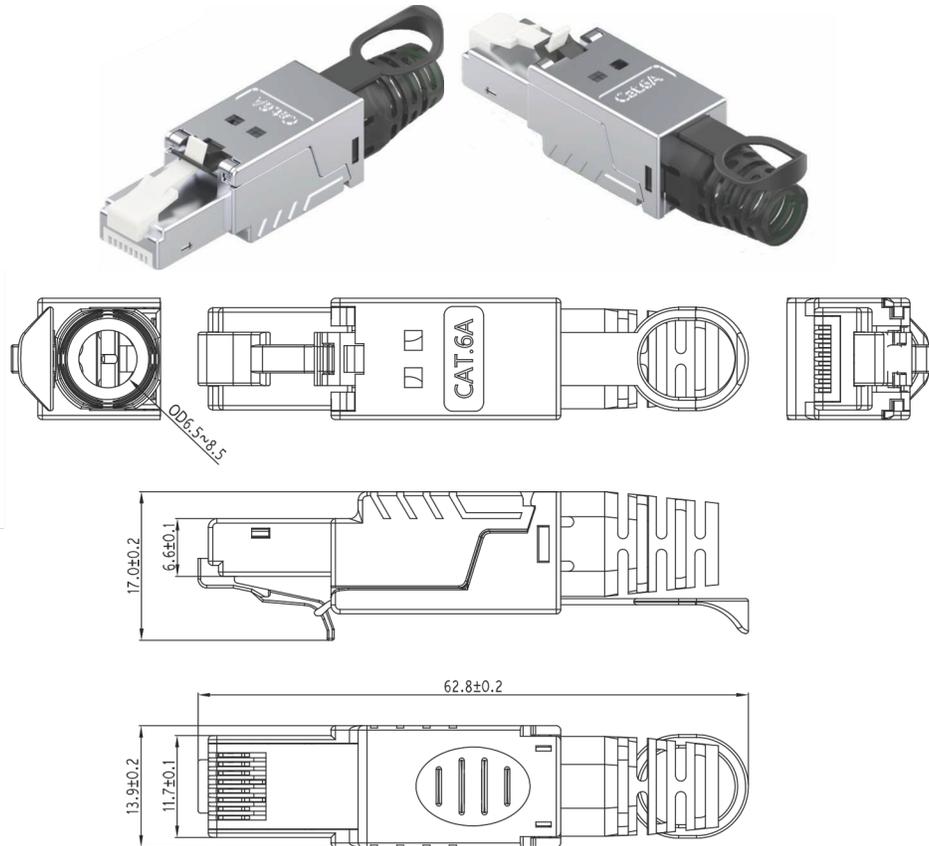


### Newlink Shielded Modular Connectors / Ethernet Connectors CAT6A STP MPTL PLUG



#### Features:

- Exceeds ANSI/TIA 568-D.2 requirements
- Exceeds ISO/IEC 11801
- CENELEC EN 50173-1, CENELEC EN 50288-10-1
- IEC 61935-1, IEC 61156-5
- Terminates 4-pair 22 to 24 AWG solid UTP
- RoHS Compliant
- PoE++ (Type 3 or Type 4)
- Field termination
- Toolless installation
- Above ceiling installation

#### Electrical:

- Current rating: 1.5 Amps
- Insulation Resistance:  $\geq 500\text{M}\Omega$
- Contact Resistance:  $\leq 10\text{m}\Omega$
- DC Resistance:  $\leq 0.1\Omega$
- DC/AC Volt Endurance: DC 1000V / AC 750v 1min

#### Mechanical:

- Plug insertion life  $\geq 750$  cycles with FCC Compliant RJ-45 Plug $\mu$
- Plug & Jack Contact Force:  $\geq 100$  grams with FCC Compliant RJ-45 Plug
- Durability: 200 Termination Cycles
- Operating Temperature:  $-10\sim 60^{\circ}$
- Operating Humidity: 10% ~ 90%RH
- Storage Temperature:  $-40^{\circ}$  to  $68^{\circ}\text{C}$

#### Physical:

- Housing: Zinc Die-Casting with high quality Nickel plating
- Plastic parts: High quality engineering plastic
- PCB: FR-4, 1.6mm thickness
- Jack Wire: 0.35mm Phosphor bronze 50 $\mu$  gold over nickel plating
- IDC Conductor: 0.35mm Phosphor bronze, tin-plating
- Contact Compatibility: accommodates 26 to 23AWG solid

#### Standards Verification:

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1
- IEC 60603-7-51 compliant
- RoSH directive 2002/95/EC compliant

#### Ordering Information:

Part Number	Description
NEW-3997703	Newlink Shielded Modular Connectors / Ethernet Connectors CAT6A STP MPTL PLUG