

The set NE8MC6-MO includes a cable plug carrier offering a robust metal shell with Push-Pull locking system, proven Neutrik chuck-type strain relief and a CAT6 RJ45 plug. The set can accommodate STP und UTP cables with O.D. of 5.5 to 6.5mm and gauge of AWG 22 to 28 solid or stranded wire. This self-termination version is water protected according to IP65. Attention! Does not intermate with CAT5 and CAT6A chassis connectors.

Features & Benefits- Complies with CAT6 specifications according to TIA / EIA 568B, ISO / IEC 11801, EN 50173

- CAT6 compliant - data rate up to 10 GBit/s
- IP65 - Dust and waterproof in mated condition
- Shielded system - high noise immunity and EMI protection
- Push Pull mating - secure and proven locking system
- Unique Neutrik chuck-type strain relief
- Color coding with accessory BXX-* - to guarantee IP65 protection, boot has to be mounted with metal ring of NE8MC6-MO



| Product | |
|---------------------|---|
| Title | NE8MC6-MO |
| Connection Type | etherCON |
| Gender | male |
| Mechanical | |
| Cable O.D. | 5.5 - 6.5 mm |
| Insertion force | ≤ 40 N |
| Withdrawal force | ≤ 20 N |
| Lifetime | > 1000 mating cycles |
| Wiresize | 28 - 22 AWG |
| Locking device | Push-Pull |
| Material | |
| Boot | Polyurethan |
| Bushing | Polyamide (PA 6 15 % GR) |
| Contact plating | 0.7 µm Au over 1.2 µm Ni plating |
| Contacts | Bronze (CuSn8) |
| Insert | Polyamide (PA 6.6 30 % GR) |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell plating | Nickel |
| Strain relief | Polyacetal (POM) |
| CAT6 Plug | Molex Part Nr. 44915-0021 |
| Environmental | |
| Flammability | UL 94 HB |
| Standard compliance | CAT6, Class E acc. TIA/EIA 568B, IEC11801, EN 50173 |
| Protection class | IP 65 |
| Temperature range | -10 °C bis +60 °C |