



NE8FDX-P6-W

D-shape CAT6_A panel connector, shielded, feedthrough, with rubber sealing, IP65 when mated, black housing

Attention! Does not intermate with CAT6 cable connector NE8MC6-MO and NKE6S* cables.

Features & Benefits

- Ruggedized connector with CAT6A component compliance according to ISO/IEC 11801 and TIA/EIA 568-C.2
- Rugged latch lock system million fold proven
- Intermateable with the existing etherCON CAT5 range
- CAT6e / Class EA according to TIA/EIA 568C and ISO/IEC 11801
- PoE type 4 class 8 (100W) acc. IEEE 802.3bt
- IP65 ingress protection in mated condition and unmated when sealing cap is closed
- Shielded system - high noise immunity and EMI protection

Technical Information

| Product | |
|---------|-------------|
| Title | NE8FDX-P6-W |
| Gender | female |

| Electrical | |
|---------------------------|--|
| Dielectric strength | 1 kVdc |
| Insulation resistance | > 0.5 GΩ |
| Rated current per contact | 1.5 A |
| Rated voltage | ≤ 57 V |
| Transmission performance | CAT6A acc. to TIA/EIA 568C channel specifications CLASS EA acc. to ISO/IEC 11801 channel specifications |
| Power over Ethernet | PoE type 4 class 8 (100W) acc. IEEE 802.3bt |

| Mechanical | |
|--------------------|----------------------|
| Lifetime | > 1000 mating cycles |
| Wiresize | |
| Wiring | Feedthrough |
| Locking device | Latch lock |
| Mounting direction | Front mounting |

| Material | |
|-----------------|-------------------------|
| Contact plating | Au |
| Gasket | Rubber (EPDM) |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell coating | Black KTL |

| Environmental | |
|---------------------|---|
| Flammability | UL 94 V-0 EN 45545 R26 |
| Protection class | IP 65 |
| Temperature range | -40 °C to + 70 °C |
| Standard compliance | ISO/IEC 11801-1 Ed. 1.0 (2017-11) IEC 60603-7-3 Ed.2.0 (2010-04) IEC 60512-99-002 Ed.2.0 (2022-01) IEC 60512-9-3 (2011-06) EN 45545-2:2020+A1:2023 (R26, clause 4.2, clause 4.3.2) |