



NE8FFX6-W

etherCON CAT6_A feedthrough coupler for cable extensions.

Features & Benefits

- ✓ Ruggedized coupler with CAT6_A component compliance according to ISO/IEC 11801 and TIA/EIA 568-C.2
- ✓ IP65 protected when mated with NE8MX6*
- ✓ Accommodates standard RJ45 plug
- ✓ Revolutionary small form factor
- ✓ The adapter offers the million-fold proven robust latch lock system
- ✓ The adapters are problem solvers for various intermating problems for professional and semi-professional applications

Technical Information

| Product | |
|-----------------|-----------|
| Title | NE8FFX6-W |
| Connection Type | Adapter |
| Gender | female |

| Electrical | |
|---------------------------|--|
| Contact resistance | < 200 mΩ |
| Dielectric strength | > 1.5 kVdc |
| Insulation resistance | > 0.5 GΩ |
| Rated current per contact | 1.5 A |
| Transmission performance | CAT6A, acc. TIA/EIA rating Class EA, acc. IEC/ISO/EN rating |
| Power over Ethernet | PoE+ acc. IEEE 802.3at |

| Mechanical | |
|------------------|----------------------|
| Insertion force | ≤ 50 N |
| Withdrawal force | ≤ 50 N |
| Lifetime | > 1000 mating cycles |
| Wiresize | |
| Wiring | Feedthrough |
| Locking device | Latch lock |

| Material | |
|-----------------|-----------------------|
| Contact plating | Au |
| Shell | Rubber (EPDM) |
| Strain relief | CuZn35Pb2, Tin plated |
| Shell coating | Black KTL |

| Environmental | |
|-------------------|-----------------------------------|
| Temperature range | - 30 °C to + 80 °C |
| Protection class | IP65 (in combination with NE8MX*) |