



## NE8FFX6-W

etherCON CAT6<sub>A</sub> feedthrough coupler for cable extensions.

### Features & Benefits

- Ruggedized coupler with CAT6A component compliance according to ISO/IEC 11801 and TIA/EIA 568-C.2
- Accommodates standard RJ45 plug
- The adapter offers the million-fold proven robust latch lock system
- IP65 protected when mated with NE8MX6\*
- Revolutionary small form factor
- The adapters are problem solvers for various intermating problems for professional and semi-professional applications

## Technical Information

Product	
<b>Title</b>	NE8FFX6-W
<b>Connection Type</b>	Adapter
<b>Gender</b>	female

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

Mechanical	
<b>Insertion force</b>	≤ 50 N
<b>Withdrawal force</b>	≤ 50 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Wiresize</b>	
<b>Wiring</b>	Feedthrough
<b>Locking device</b>	Latch lock

Material	
<b>Contact plating</b>	Au
<b>Shell</b>	Rubber (EPDM)
<b>Strain relief</b>	CuZn35Pb2, Tin plated

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