NE8FFX6-W

etherCON CAT6$_A$ feedthrough coupler for cable extensions.

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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

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

Material	
Contact plating	Au
Shell	Rubber (EPDM)
Strain relief	CuZn35Pb2, Tin plated

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

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