ARGOSY

Product Data Sheet
Neutrik NE8FDY-C6-B

Description

The Neutrik NE8FDY-C6-B is a etherCON CAT6 D-shape panel connectors with black metal housing and secure latching system offer a tool-free and gas-tight IDC termination, which makes cable assembly easy and fast.

Attention! Intermates ONLY with NE8MC6-MO, NKE6S-* and generic RJ45 connectors.

Not compatible with the etherCON cable connector carriers NE8MC*, NE8MX* and the CAT6A cable connectors NE8MX6*.

Product	SKU
NEUTRIK NE8FDY-C6-B	DB-00-524

Key Benefits

- CAT6 compliant - data rate up to 10 GBit/s
- CAT6 performance - fast data transmission and high bandwidth applications
- CAT6 specifications according TIA / EIA 568B, ISO / IEC 11801, EN 50173
- IP65 - Dust and waterproof in mated condition
- Shielded system - high noise immunity and EMI protection
- Push Pull mating - secure and proven locking system
- Ground lead jumper on panel connector with selectable grounding option
- Gas-tight IDC termination without tool

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Technical Specification

Neutrik NE8FDY-C6-B Specification	
Gender: female	**Shell plating:** Black chromium
Electrical	**Strain relief:** Stainless steel
Contact resistance: < 10 mΩ	**Mechanical**
Dielectric strength: 1 kVdc	**Insertion force:** ≤ 40 N
Frequency range: 1 - 250 MHz	**Withdrawal force:** ≤ 20 N
Insulation resistance: > 0.5 GΩ	**Lifetime:** > 1000 mating cycles
Rated current per contact: 1,5 A	**Panel thickness:** max. 3 mm 0.12"
Rated voltage: < 50 V	**Wiresize:** solid: 0.205 - 0.324 mm² (AWG 24 – AWG 22)
Transmission performance: CAT 6	**Wiresize:** stranded: 0.141 – 0.355 mm² (AWG 26/7 – AWG 22/7)
Standard compliance: TIA/EIA 586B, IEC11801	**Locking device:** Push-Pull
Material	**Chassis shape:** D
Contact plating: 0.7 µm Au over 1.2 µm Ni plating	**Environmental**
Contacts: Bronze (CuSn8)	**Flammability:** UL 94 HB
Insert: Polycarbonate	**Protection class:** IP 65
Shell: Zinc diecast (ZnAl4Cu1)	**Temperature range**: -10 °C to +60 °C