

NE8FDY-C6

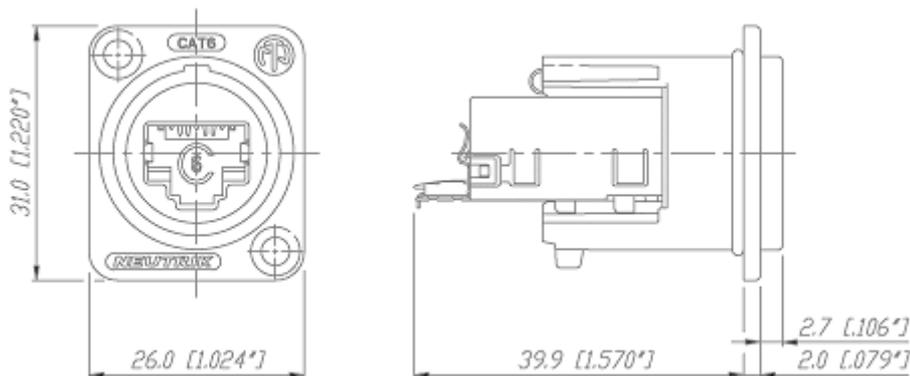


D-shape CAT6 panel connector with Nickel housing

The EtherCon CAT6 D-shape panel connectors with metal housing and secure latching system offer a tool-free and gas-tight IDC termination, which makes cable assembly easy and fast.

Features & 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
- IP54 rated - dust and weatherproof
- 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



Product

Connector Type	RJ45
Gender	female

Electrical

Contact resistance	< 10 mΩ
Dielectric strength	1 kVdc
Frequencyrange	1 - 250 MHz
Insulation resistance	> 0.5 GΩ
Rated current per contact	1,5 A
Rated voltage	50 V

Mechanical

Insertion force	≤ 40 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Panel thickness	max. 3 mm "0.12"
Wire size	0::3 mm ² 0.5 - 0.65

Environmental

Protection class	CAT6, Class E acc. TIA/EIA 586B, IEC11801, EN 50173
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Area of application

-10::+60