



TOP DATA CONNECTORS

DATA CONNECTORS
etherCON® TOP airtight
etherCON® TOP



**TRUE
OUTDOOR
PROTECTION**



**TRUST
THE
ORIGINAL**

NEUTRIK®

A brand of the Neutrik Group

TOP DATA CONNECTORS



Our TRUE OUTDOOR PROTECTION data connectors are engineered and assembled to perfection, offering you superior quality, reliability and performance paired with standard compliance.



- ★ UNIFIED DESIGN
- ★ HIGHLY RELIABLE
- ★ SUPERIOR QUALITY
- ★ GUARANTEED PERFORMANCE
- ★ FULLY COMPLIANT

QUALITY, RELIABILITY AND PERFORMANCE

INGRESS PROTECTION (IP) RATINGS

Ingress Protection (IP) ratings, often referred to as IP codes or IP classes, are a standardized system used to categorize the level of protection offered by an enclosure or product against the intrusion of solids and liquids. These ratings hold significant importance in various industries, including Pro Video, Pro Lighting, industrial equipment, and outdoor appliances, to ensure the functionality of devices in challenging environmental conditions. Typically denoted as „IP“ followed by two digits (e.g., IP67), these ratings are a vital indicator of a product’s resilience.

DIFFERENTIATING IP RATINGS

A higher number in either digit suggests better protection, but it’s essential to recognize that, for instance, IP67 is not inherently superior to IP65. They offer distinct levels of protection against liquids. IP65 is dust-tight and defends against low-pressure water jets, whereas IP67 offers temporary immersion protection.

NEUTRIK’S COMMITMENT TO IP RATINGS

Neutrik understands the significance of reliable protection and offers both IP65 and IP67 ratings, catering to various customer needs. For select products, we even provide an IP68 rating. What sets us apart is our rigorous testing protocol, extending test durations and adding additional criteria to meet and exceed customer requirements.

AIRTIGHTNESS

Our 100% testing protocol guarantees our customer’s devices remain hermetically sealed, meeting stringent IP65, IP67, and other relevant outdoor ratings.

Our airtightness assessment adheres to industry standards, guaranteeing the highest benchmarks for outdoor protection.

UV RESISTANCE

Ultraviolet (UV) light exposure can degrade materials, especially plastic and rubber components. Neutrik products are designed to withstand outdoor use and exposure to sunlight. We use certified F1 material or conduct tests to meet standards. Our UV resistance tests follow the IEC 62368-1:2018 Ed. 3.0 standard, demanding endurance under specific testing conditions.

CORROSION RESISTANCE

Corrosion poses a significant challenge, particularly in corrosive environments. Neutrik subjects its components to rigorous tests, including salt spray tests and noxious gas exposure, to ensure they resist corrosion. These tests adhere to the IEC 62368-1:2018 Ed. 3.0 standard, ensuring the durability and longevity of our products in challenging conditions.

TRUST THE ORIGINAL

When you choose NEUTRIK, you’re choosing „QUALITY, RELIABILITY, and PERFORMANCE“ backed by TRUE OUTDOOR PROTECTION, ensuring durability and resilience in any environment. Trust the Original for connectivity solutions that consistently deliver excellence. Don’t compromise on your network’s performance and benefiting from our unwavering commitment to these core values.



etherCON® TOP CHASSIS CONNECTORS



etherCON® TOP airtight



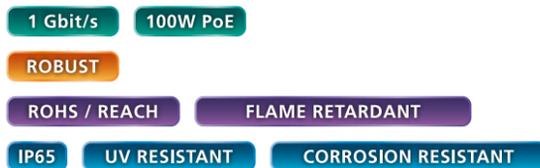
The new **etherCON® TOP** airtight chassis connectors are **TRUE OUTDOOR PROTECTED** data connectors for ethernet and network connections. These D-shape panel mount connectors are designed to withstand the harshest environment. To ensure full protection and reduce the production testing effort of our customers, this product comes with the airtight feature.



etherCON® TOP



The **etherCON® TOP** connectors are **TRUE OUTDOOR PROTECTED** data connectors for ethernet and network connections. These D-shape panel mount connectors are designed to withstand the harshest environment and offer a unique teardrop design.



TOP CHASSIS CONNECTORS

etherCON® TOP airtight

Order No.	Description
NE8FDPS-TOP	etherCON® TOP (IP65, IP67, airtight) with straight RJ45 1 Gbit/s feedthrough
NE8FDPU-TOP	etherCON® TOP (IP65, IP67, airtight) with right angled RJ45 1 Gbit/s feedthrough (upwards)
NE8FDIS-TOP	etherCON® TOP (IP65, IP67, airtight) with straight IDC feedthrough

TOP CHASSIS CONNECTORS

etherCON® TOP

Order No.	Description
NE8FDV-TOP	etherCON® TOP (IP65) with vertical PCB mount contacts 1 Gbit/s (nickel flange)
NE8FDH-C5E-TOP	etherCON® TOP (IP65) with horizontal PCB mount contacts 1 Gbit/s (nickel flange)
NE8FDP-TOP	etherCON® (IP65) TOP with straight RJ45 1 Gbit/s feedthrough (nickel flange)
NE8FDP-B-TOP	etherCON® (IP65) TOP with straight RJ45 1 Gbit/s feedthrough (black flange)
NE8FDV-B-TOP	etherCON® (IP65) TOP with vertical PCB mount contacts 1 Gbit/s (black flange)

ACCESSORIES

FOR etherCON® TOP



SE8FD-TOP

SE8FD-TOP Sealing kit for etherCON® TOP chassis connectors

etherCON® TOP CABLE CONNECTORS



etherCON® TOP



The **etherCON® TOP** cable connectors are **TRUE OUTDOOR PROTECTED** RJ45 carriers for ethernet and network connections (RJ45 not included). In combination with NEUTRIK **etherCON® TOP** airtight chassis connectors the cable connector provides IP65 & IP67 protection to ensure quality, reliability and performance for applications in harsh environments.

ROBUST

ROHS / REACH

IP65

IP67

UV RESISTANT

CORROSION RESISTANT



TRUE OUTDOOR PROTECTION



TOP CABLE CONNECTORS

etherCON® TOP

Order No.	Description
NE8MX-B-TOP	etherCON® TOP (IP65 & IP67) for cables with O.D. 5 – 8 mm
NE8MX-B-TOP-14	etherCON® TOP (IP65 & IP67) for cables with O.D. 8 – 10 mm

ACCESSORIES

FOR etherCON® TOP



SCMX-TOP

SCMX-TOP	Sealing cap for etherCON® TOP cable connectors
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