

NE8MXR-B-TOP

Introducing the latest innovation in ethernet connectivity, expanding the NEUTRIK etherCON® TOP portfolio. Designed to withstand the harshest outdoor conditions, this connector combines durability with versatility, ensuring reliable performance in any environment and application.

With this unique design, the TOP (TRUE OUTDOOR PROTECTION) connector allows for the first time for the shell to be fully retracted, providing compatibility with standard RJ45 receptacles. This feature allows flexible and universal usage in various applications, removing the risk and frustration of lost shells.

Please note that the RJ45 carrier cable connector does not include an RJ45 plug, it is designed for use with non pre-assembled cables only.

ATTENTION: Does not intermate with the CAT6 receptacle NE8FDY-C6 and NE8FDY-C6-B.

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Features & Benefits

- Retractable carrier shell allows compatibility with common RJ45 without risk of losing the shell
- Rugged diecast shell and unique chuck type strain relief for harsh environments
- IP65 ingress protection class with closed sealing cap (SCMX-TOP) or in mated condition with NEUTRIK® etherCON® TOP receptacles
- UV resistant F2 certified materials (with yellow card)
- Corrosion resistant plating and materials
- Flame resistant V0 rated connector
- Halogen free materials to protect humans and the environment - no toxic or corrosive gases are released
- Designed to prevent breakage of the fragile components of standard RJ45 connectors
- Accepts the most common RJ45 plugs (see list at downloads)
- Allows assembly of non pre-assembled conventional RJ45 cables

NEUTRIK etherCON Retractable Shell Animation

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Technical Information

Product	
Title	NE8MXR-B-TOP
Product Family	etherCON®
Connection Type	RJ45 carrier cable connector
Gender	Male
IMPORTANT	Cable connectors do not include RJ45 plug. RJ45 cable assembly must be provided by end user!

Mechanical	
Cable O.D.	5.5 – 8.0 mm
Insertion Force	≤ 30 N
Withdrawal Force	≤ 30 N
Lifetime	min. 1000 mating cycles min. 100 retracting cycles

Material	
Boot	Thermoplastic elastomer (TPE)
Shell	Zinc diecast(ZnAl4Cu1)
Strain Relief	Polyketon (PK)
Sleeve	Polyamid (PA6, GF15%)

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Environmental	
Protection Class	IP65 (mated) IP65 (closed sealing cap)
Temperature Range	-30 °C to +80 °C

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