

NE8MC6-MO

The set NE8MC6-MO includes a cable plug carrier offering a robust metal shell with Push-Pull locking system, proven Neutrik chuck-type strain relief and a CAT6 RJ45 plug. The set can accommodate STP und UTP cables with O.D. of 5.5 to 6.5mm and gauge of AWG 22 to 28 solid or stranded wire. This self-termination version is water-protected according to IP65.

Attention! Intermates ONLY with NE8FDY-C6* Cat 6 receptacles.
Not compatible with CAT5 and CAT6$_A$ chassis connectors.

Features & Benefits

- Complies with CAT6 specifications according to TIA / EIA 568B, ISO / IEC 11801, EN 50173
- CAT6 compliant - data rate up to 10 GBit/s
- IP65 - Dust and waterproof in mated condition
- Shielded system - high noise immunity and EMI protection
- Push Pull mating - secure and proven locking system
- Unique Neutrik chuck-type strain relief

Technical Information

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Product	
Title	NE8MC6-MO
Connection Type	etherCON
Gender	male

Mechanical	
Cable O.D.	5.5 - 6.5 mm
Insertion force	≤ 40 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	
Wiresize	28 - 22 AWG
Locking device	Push-Pull

Material	
Boot	Polyurethan
Bushing	Polyamide (PA 6 15 % GR)
Contact plating	0.7 µm Au over 1.2 µm Ni plating
Contacts	Bronze (CuSn8)
Insert	Polyamdie (PA 6.6 30 % GR)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)
CAT6 Plug	Molex Part Nr. 44915-0021

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Environmental	
Flammability	UL 94 HB
Standard compliance	CAT6, Class E acc. TIA/EIA 586B, IEC11801, EN 50173
Protection class	IP 65
Temperature range	-10 °C bis +60 °C

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