

TECHNICAL SPECIFICATION



Technical Information

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 28 - 22 AWG

Locking device Push-Pull

Material

Boot Polyurethan

Bushing Polyamide (PA 6 15 % GR)

Contact plating $0.7 \mu\text{m Au}$ over $1.2 \mu\text{m Ni}$ 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

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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