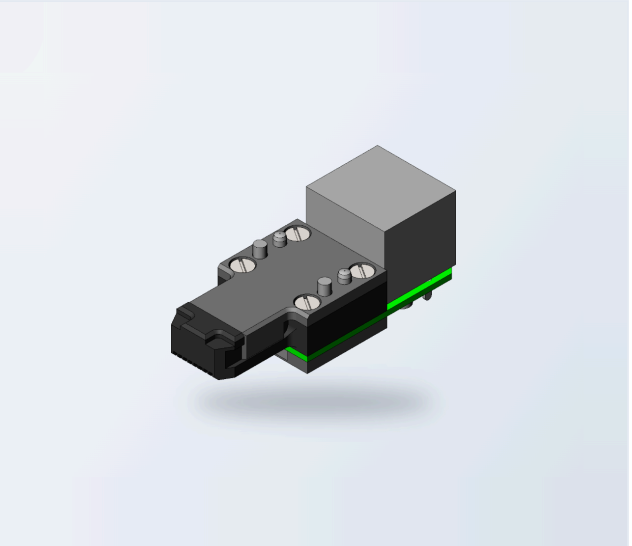
RJ45 (8P8C) Test Connector, Shielded

MA002667

The **MA002667** is a high-quality shielded RJ45 test connector between the DUT (Device Under Test) and the test system. A reliable, durable and highly accurate replacement for commercial cables and connectors.

It is applicable to all devices with RJ45 connectors — desktop computers, laptops, televisions, set-top boxes, ethernet routers, ethernet switches and others — and is designed to meet the electrical, mechanical and environmental performance requirements of the RJ45 connector.

Designed for production testing, product development, repair and service centres, and laboratory use.



ELECTRICAL

Max. current	**0.5 A**
Max. voltage	**20 V AC (rms)**
Dataline diff. impedance	**100 Ω**
Data speed	**10 Gbit/s**

MECHANICAL

Mating force	**12 N (typ.)**
Unmating force	**7 N (typ.)**
Durability	**50 000 cycles (typ.)**
Dimensions	**45 × 18 × 15.85 mm (1.77 × 0.71 × 0.62 in)**

ENVIRONMENTAL

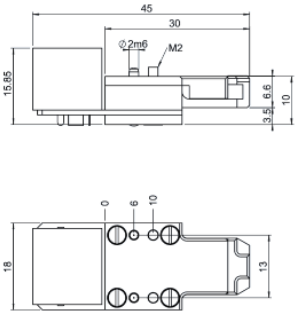
Operating temperature	**0 – 60 °C**
Storage temperature	**−20 … +70 °C**
Relative humidity	**15 – 95 % non-condensing**
Compliance	**RoHS**

INTERFACE

Plug	**RJ45**
Receptacle	**RJ45 (Cat6a)**

DIMENSIONS

mm



OPTIONAL ACCESSORIES

MA092003 Float unit for the RJ45 (8P8C) Test Connector, Shielded — compensates for positional misalignment in automated test fixtures. Sold separately.

3D CAD models available on request via **sales@bluelec.com**

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