

Socket Coupler and Plug Industrial IP67 for MU 1/8 modules



Product information

Application

Socket Coupler and Plug Industrial IP67

The use of Ethernet protocols is increasingly transferred to harsh, industrial environments exposed to pollution. With this in mind, Dätwyler is offering the MU Industrial IP67 System, based on the tried and tested MU-Module Systems. The future-proof system for the connection of 8 wires consists of Cat 6 RJ45 Industrial connector boxes, as well as Cat 6 RJ45 Industrial socket couplers, which satisfy the requirements of a Class E (250 MHz) transmission distance in accordance with ISO/ IEC 11801:2002 and EN50173-1:2002.

The components are utilized in the area of structured cabling within the harsh industrial sector (protection class IP67) in accordance with EN 50173-2 (Draft). (Environment classes $M_3 I_3 C_3 E_3$). In order to ensure a secure data transmission, the modular elements aligned with each other offer a wide surface 360° screen contact which has excellent EMV properties.

The cover, permanently attached to the casing of the connector box, serves to close the opening of the jack when unmated, and prevents dust, dirt and water from entering.

Description

- When mated with a IP67 plug, it satisfies the requirements of the protection class IP67
- Connection with commercially available RJ45 plugs possible (no IP protection)
- Plug surface in accordance with IEC 61076-3-106 (Option 6)
- Environment class $M_3 I_3 C_3 E_3$ in accordance with EN50173-2
- IP67 Cover of casing permanently attached
- Connector unit with an 8-contact RJ45 jack
- Easy, time-saving installation
- Fully shielded modules

Article No.	Description	Colour (similar)	PU
185 725	Socket coupler IP67 for MU 1/8 modules, unloaded	light grey RAL 7035	1 unit
185 750	module MU 1/8 Cat 6, unscreened, TIA-A	white	10 pieces
185 751	module MU 1/8 Cat 6, unscreened, TIA-B	white	10 pieces
185 720	Plug casing IP67, incl. 1 RJ45 plug	light grey RAL 7035	1 unit