



Industrial Ethernet Patchcord M12/M12, D-code, straight or angled, halogenfree compound; Cat.5 2pair

- Industrial Ethernet cable



## Product description

### Application range

- suitable for EtherCAT and EtherNet/IP applications
- Suitable for use in industrial applications
- For indoor use
- For flexible applications (7-wire stranded conductor)
- Automation technology

### Benefits

- Non-permanent connections allow for easy change of equipment
- For directly connecting two electric components
- CAT.5-Performance

### Product Make-up

- Flexible fine-wire copper conductor
- Twisted pair construction permits largely interference-free operation (decoupling).
- Overall screening with copper braid and plastic-laminated aluminium foil
- Outer sheath: halogen-free, flame-retardant compound
- Colour: water blue (RAL 5021)
- Pre-assembled patchcord with a M12 D-coded connector on both sides
- 4 pole M12 connector with vibration protection

## Product features

- Meets the requirements according to CAT.5e, ISO/IEC 11801 and EN 50173, Class D
- 2pair: 10/100 Mbit/s for Industrial Ethernet

## Technical Data

Minimum bending radius

Flexing: 15 x outer diameter

Fixed installation: 6 x cable diameter

Protection rating

IP 67 / IP 69K

Temperature range

During installation: -5 °C to +60 °C

Fixed installation: -30°C to +80°C

Characteristic impedance

100 Ohm +- 15%