

## M12 X-Code 8Pin male to RJ45 male right angled plug, molded 10Gbps Cat 6A 4x2x26AWG PUR Ethernet cable

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**Part No.:** RJ6AC1R-MC08C1LSXSB26RLBxx  
**Cable Length:** Customized lengths  
**Connector Gender:** Male to male double ended  
**Wire Gauge (size):** 26AWG/ 0.14mm<sup>2</sup>  
**Keyway Coding:** X-Coding  
**EMC Shielding:** 360° fully shielded  
**Straight/ 90° Angled:** 90° right angled

### Product data

|                          |  |                        |   |
|--------------------------|--|------------------------|---|
| Contacts Poles:          | 08 Pin   | Cable Length:          | Customized lengths                                  |
| Connector Gender:        | Male to male double ended                                      | Cable Jacket:          | PUR, halogen-free                                   |
| Current Rating:          | 1 A  | Wire Gauge (size):     | 26AWG/ 0.14mm <sup>2</sup>                          |
| Voltage Rating:          | 48V  | Wire Insulation:       | Foamed PE   |
| Keyway Coding:           | X-Coding   | EMC Shielding:         | 360° fully shielded                                 |
| Straight/ 90° Angled:    | 90° right angled   | Cable Color:           | Lake blue (dark green)                              |
| Contacts Termination:    | Crimping, IDC piercing   | Temperature Rating:    | -40°C ~ + 80°C                                      |
| Contacts Material:       | Phosphor bronze, machined solid pin, Brass, machined solid pin | Cable Flamability:     | VW-1  |
| Contacts Plating:        | 3µ" Gold plating thickness                                     | Cable Features:        | Anti-Vibration, Hydrolysis resistant, Oil resistant |
| Inserts:                 | TPU + GF   | Sealing:               | O-Ring  |
| Overmolding:             | TPU  | Locking Screws:        | Brass with nickel plated                            |
| Contact Resistance:      | ≤5mΩ   | Insulation Resistance: | ≥ 100 MΩ  |
| Protection Degree:       | IP 67  | Pollution Degree:      | III   |
| Connector Flamability:   | UL94 HB  | Waterproof Depth:      | IP67 1m depth 30 minutes                            |
| Plug Mating Life:        | 500 times  | Warranty:              | 2-years quality guarantee period                    |
| Compliance:              | RoHS compliant   | Reference Standard:    | IEC 61076-2-101, Profinet, EtherCAT                 |
| Products Certification:  | UL Certified, CE/ EMC, IP67                                    | Connector Type:        | Cable molding type (extension cable)                |
| Charateristic Impedance: | 100Ω +/-12   |                        |   |

### Description

CABLEFORCE offers tailor-made industrial PROFINET connecting cable cordsets. We are also supplying of other fieldbus cables compatible with most major fieldbus protocols, including CANopen, PROFIBUS, DeviceNet™, CAN Bus, CC-Link and ASI Bus and industrial EtherCAT, EtherNet/IP™ and other industrial Ethernet protocols with bandwidth from Cat 5e, Cat 6A to Cat7.

#### We provide customers with the following cable custom services:

- Custom cable color and length, custom print and labeling as well as packaging
- Custom Material: Extreme Temperature Resistant, High Flexible, UV Resistance, Oil Resistance, LSZH, Hydrolysis Resistance, Anti-Corrosion;
- Connector Configuration: Single Ended, Double Ended, multi Ended, multi-core wire, mixed joint and other configurations;
- Mechanical Reliable: Mating Life, EMI/EMC Shielding, Waterproof, Dustproof, Anti Vibration, Abrasion

Resistant, Bending Endurance, Drag Chain, Welding resistant, etc.;

- Transmission Performance: Bandwidth, Voltage and Current rating, Impedance and Measurement Accuracy, etc.

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