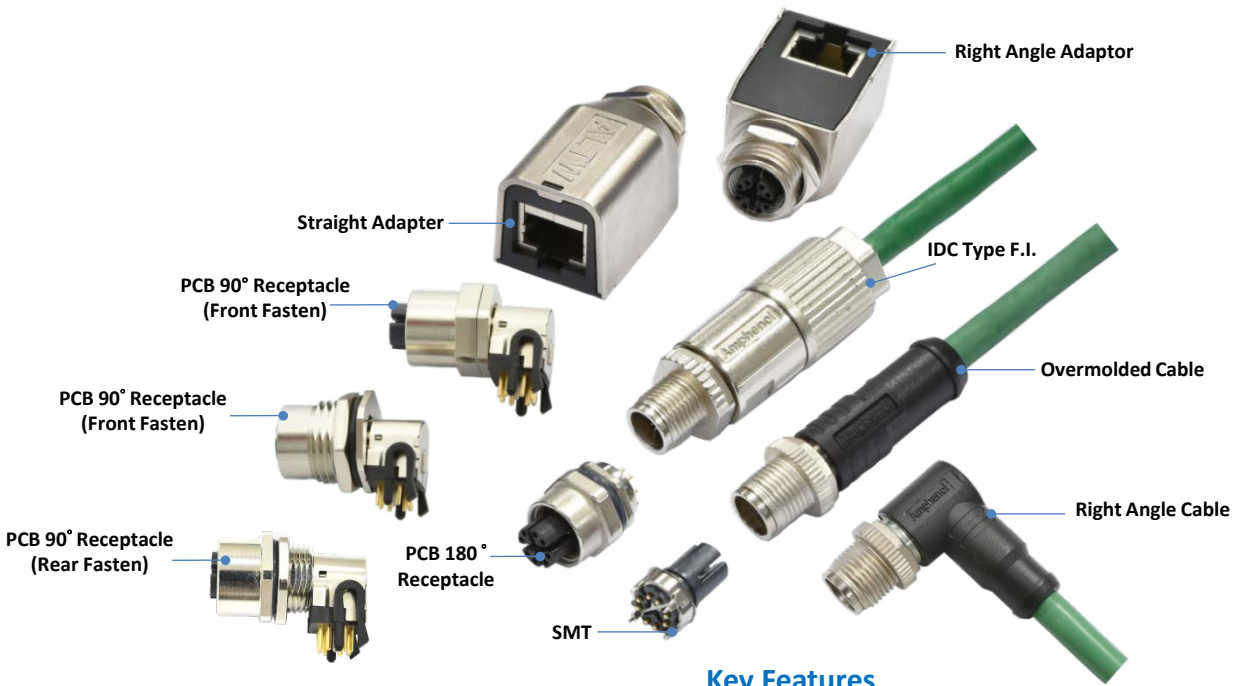


# M12 X-Code Series

Comprehensive Product Lines For Your High Data Transmission Demand



## Key Features

- ✓ Cat. 6A Data Transmission Rate Up To 10 Gbps
- ✓ 360° Shielding Design
- ✓ UL 94V-0 Rated Material
- ✓ Compliant With IEC 61076-2-109



Harsh Environment



Private Labeling Available



IP67/IP68



UL 94V-0



Data Transmission



Space Saving



Corrosion Resistant



Fully Shielded

## Applications



Broadband Wireless Access



Industrial Automation



Surveillance Systems





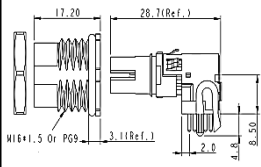
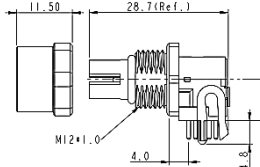
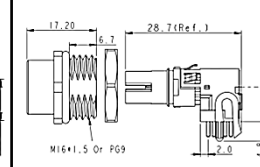
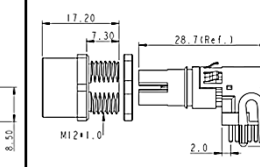




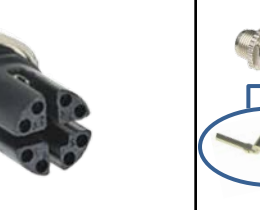
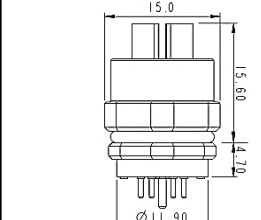
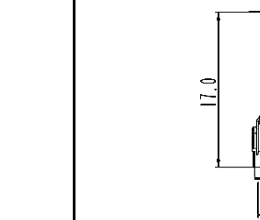
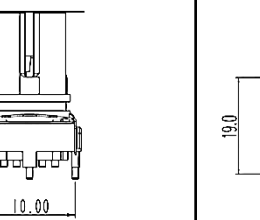
MRT / Railway




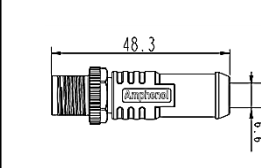
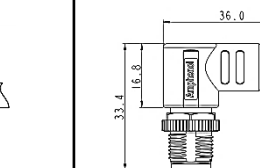
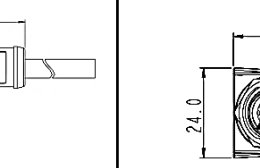
## Specifications

|                          | General Characteristics          |
|--------------------------|----------------------------------|
| Number of Contacts       | 8Pin                             |
| Connector Type           | Male and Female                  |
| Current Rating           | 0.5A                             |
| Voltage Rating           | 50 V ac, 60V dc                  |
| Waterproof Rating        | IP67, Mated                      |
| Durability               | 100 cycles                       |
| Transmission Performance | Cat.6A                           |
| Locking Mechanism        | M12 Screw                        |
| Temperature Range        | Receptacle: -40°C ~ 105°C        |
|                          | Overmolded Cable : -20°C ~ 80°C  |
|                          | Field Installable : -40°C~ 105°C |

**Specifications**

| Connector Type       | PCB 90° Receptacle<br>(Front Fastened, 2 Pcs )                                    | PCB 90° Receptacle<br>(Front Fastened, 1 Piece)                                   | PCB 90° Receptacle<br>(Rear Fastened, 1 Piece)                                     | PCB 90° Receptacle<br>(Rear Fastened, 1 Piece)                                      |
|----------------------|---|---|--|---|
| Ordering Information | MSXS-08PFFR-SF7001 (PG9)<br>MSXS-08PFFR-SF7002 (M16)                              | MSXS-08PFFR-SF7003 (M12)  | MSXS-08PFFR-SH7001 (PG9)<br>MSXS-08PFFR-SH7002 (M16)                               | MSXS-08PFFR-SH7003 (M12)  |
| Product Image        |  |  |  |  |
| Dimension            |  |  |  |  |

| Connector Type       | PCB 180° Receptacle   | SMT   | IDC Type Field Installable   |
|----------------------|---|---|--|
| Ordering Information | MSXS-08PFFP-SF7001  | MSXS-08PFFT-EE0001  | MSXS-08BMMD-SL8001   |
| Product Image        |   |   |   |
| Dimension            |  |  |  |

| Connector Type       | Single/Double Ended Cable  | Right Angle Cable   | X-Code To RJ45 Adapter   |
|----------------------|--|---|--|
| Ordering Information | MSXS-08BMMM-SL7XXX (Single)<br>MSXS08ML-SXSML-SGXXX (Double)   | MSXS-08BMMM-SR7XXX  | RJS-12X08FF-LS7001 (Straight)<br>RJS-12X08FF-RS7001 (Right Angle)  |
| Product Image        | <br>Single Double |  | <br>Straight Right Angle |
| Dimension            |                   |  |                          |

