TECHNICAL DATA

RJ45+M12 X-Coded Solution

The M12 X-Coded Connectivity offers more robust than standard, off-the-shelf Ethernet cabling. IKCOM Ethernet media is specifically designed for use in harsh industrial environments, combining a cable with rugged connector construction to ensure reliability, flexibility and low noise.

Features

- Simple solution to convert M12 X-code to RJ45 interface
- Adapter performance exceeds ISO11801 Class EA performance
- Zinc Alloy Housing with 360 degree shielding
- Available in straight and angled versions
- IP20 on the RJ45 side and IP68 on the M12 side when mated
- Complies with IEC 61076-2-109 & Complies with IEC 60603-7-51
- Optional M12 Dust Cap available

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RJ45+M12 X-Coded Solution

- **M12 X-Code to RJ45 Socket**

Ordering Information

Part No.	Description
IKC-AFJ1XA000	M12/RJ45 X-code coupler, straight
IKC-AFJ2XA000	M12/RJ45 X-code coupler, angle
IKC-DCAP01000	M12 Dust Cap

- **M12 Male Molded Cable, Shielded**

Ordering Information

Part No.	Description
IKC-AMM1XA300	M12 X-Coded Male to Male Cable, 3M
IKC-AMM1XA500	M12 X-Coded Male to Male Cable, 5M
IKC-AMM3XA300	M12 X-Coded Male 90 degree to X-Coded Male Cable, 3M
IKC-AMM3XA500	M12 X-Coded Male 90 degree to X-Coded Male Cable, 5M

- **M12 Male to RJ45 Molded Cable, Shielded**

Ordering Information

Part No.	Description
IKC-AMP1XA300	M12 X-Coded Male to RJ45 Male Cable, 3M
IKC-AMP1XA500	M12 X-Coded Male to RJ45 Male Cable, 5M
IKC-AMP3XA300	M12 X-Coded Male 90 degree to RJ45 Male Cable, 3M
IKC-AMP3XA500	M12 X-Coded Male 90 degree to RJ45 Male Cable, 5M

- **M12 Male Field Wire able, Piercing, X-Coded, Shielded**

Ordering Information

Part No.	Description
IKC-AM05XA000	M12 X-Coded Male, Field Assembly