



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# M12 X-Code to RJ45 Cat.6A Adapter

Reliable Linkage of Data Transmission across the Ethernet to your electronic devices

Amphenol LTW (ALTW) is now further extending its M12 product range to not only include A, B, D, S and T-Code product but also M12 X-Code to RJ45 Cat.6A connection. The M12 X-Code with RJ45 Cat.6A adapter is a feed-through design product and available in a straight and angled version.

The M12 X-Code to RJ45 Cat.6A adapter meets the requirements of the Industrial Ethernet field and complies with IEC standards. It provides high-performance data transmission rate up to 10 Gbps as well as the waterproof solution in an unmated condition. It is expertly designed to reliably link data transmission across the Ethernet to your electronic devices, including commands, monitoring and status reports through a single platform, Amphenol LTW's "M12 X-Code to RJ45 Cat.6A Adapter".



## M12 X-Code

- MSXS-08BMMM-SL7XXX
- MSXS08ML-SXSML-SGXXX
- (Double Connector With Cable)



IPX7 waterproof  
in unmated  
condition



High data  
transmission  
rate



UL 94V-0. f1

## Applications:



Industrial Automation



Broadband Wireless  
Access



Lift & Materials  
Handling



Heavy Vehicle



MRT / Railway

## Specification:

### General Characteristics

Number of Contacts	8Pin
Current Rating	0.5A
Voltage Rating	60V
Waterproof Rate	IP67 Unmated (M12 side)
Operating Temperature	-25°C ~ 85°C
Locking Mechanism	M12 Screw
Durability	100 Cycles
Transmission Performance	Cat.6A

### Materials

Shell	Zinc Alloy, Nickel Plated
Housing	Thermoplastic
Contacts	Copper Alloy, Gold Plated
Seal	Rubber
Metal Nut	Zinc Alloy, Nickel Plated

Compliance Statement:  
M12-IEC 61076-2-109 / RJ45-IEC 60603-7-51

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