

# Increase Ethernet Data Transfer up to 10Gbps with Chogori's **M12 X-code Connectors**.

Press Release: April 2017

## **CHOGORI**<sup>®</sup>



Designed and tested to achieve superior signal integrity, Chogori's M12 X-code connector series conforms to IEC 61076-2-109 standard. Its cross shielding design aims at eliminating crosstalk and unwanted signals during transmission. Fully (360°) shielded paired with Cat 6a cable, the M12 X-code assembly achieves Ethernet speed of up to 1/10 gigabits per second (Gbps) providing increased transmission rate and efficiency compared to

the traditional RJ45 system or the M12 8-pin A-code connector that supports 10/100 megabits per second (Mbps) Ethernet.

With its 10Gbps data transfer rate and robust, sealed IP67 design, M12 X-code connectors are ideal for video, camera, vision systems and other high speed Ethernet applications within harsh environments.

Chogori's initial offering for its M12 X-code series includes over-molded assemblies (cordsets male-to-male and male-to-RJ45 plug) as well as female panel-mount connectors. Over-molded assemblies eliminate time-consuming and costly installation while providing wiring integrity. Rear mount panel connectors on the other hand use through-hole technology suitable for automatic wave soldering for PCB-mounting efficiency. The X interface of the connectors provides error-free and blind-mating features.

Chogori will continue to develop more variants and accessories to increase its M12 X-code family and meet our customer's varying needs.

- Current Rating: 0.5A
- Voltage Rating: 48V
- Temperature Rating: -25°C ~ +85°C
- IP Rating: IP67
- Mechanical Life: 100 mating cycles
- Insulation Resistance:  $\geq 100M\Omega$
- Contact Resistance:  $< 5 m\Omega$
- Cable: Cat 6a
- Standard: IEC 61076-2-109



For pricing inquiries, please contact : [info@atd-elektronik.cz](mailto:info@atd-elektronik.cz) or +420 379 723 915