Berk-Tek M12 X-Coded IP67 Kit

Berk-Tek
a **LEVITON** company

Berk-Tek LANmark Industrial Connectors enable the expansion and integration of Ethernet into machines, sensors, PLC/DCS networks and various industrial environments. With over 50 years of cable manufacturing experience, Berk-Tek offers best-in-class Industrial Ethernet solutions that perform reliably in industrial harsh conditions, leading to maximum production uptime and efficiency.

DESCRIPTION

This field-installable M12 X-Coded connector kit is ideal for more ruggedized industrial connectivity requiring threaded connection, 10 Gb/s Ethernet and IP67 Ingress Protection rating.

This connector is optimized for the following LANmark Industrial cables: LANmark-C545, -C637, -A750, -B751 (Cat 6A), -A689 and -B752 (Cat 6)

STANDARDS

International
EU Directive 2011/65/EU (RoHS);
EU Directive 2014/35/EU (Low Voltage)

CHARACTERISTICS

Construction characteristics	
Connector type	M12 X-Coded (Male)
Connector Orientation	Straight
Plug Body	Zinc Alloy
Contacts	Copper Alloy with Gold Plating
Connector Shielding	Zinc Alloy
Termination Type	IDC
Pin Count	8.0
Wire Aligner	Zinc Alloy
Dimensional characteristics	
Cable diameter, range	0.217 .. 0.354 in
Jack Wire Sizes	22.0 .. 27.0 AWG
Electrical characteristics	
Rated Voltage	50 Volts
Rated current	0.5 A
Rated Impulse Voltage	800.0 V
Mechanical characteristics	
Connector Mating Cycles	100.0
Usage characteristics	
IP Rating	IP67 (IEC 60529)
Recommended operating temperature range	-40 .. 85 °C
Application Performance	10 Gb/s Ethernet

PRODUCT LIST

Part Number	Description
⛁ 81000752	LANmark-C545-M12X-PKB: M12, X-Coded, 8-pin IDC termination male IP67 connector

📞 = Make to order, ⛁ = In stock