

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 D-Coded connector kit is ideal for more ruggedized industrial connectivity requiring threaded connection, 2-pair Cat 5e Ethernet and IP67 Ingress Protection rating.

This connector is optimized for the following Category 5e LANmark Industrial cables: LANmark-C541, -C538, -B587, -B535, -B585 and -C547.



STANDARDS

International

EU Directive 2011/65/EU (RoHS);

EU Directive 2014/35/EU (Low Voltage)

CHARACTERISTICS

Construction characteristics

Connector type	M12 D-Coded (Male)
Connector Orientation	Straight
Plug Body	Zinc Alloy
Contacts	Copper Alloy with Gold Plating
Connector Shielding	Zinc Alloy
Termination Type	Screw
Pin Count	4.0
Wire Aligner	Zinc Alloy

Dimensional characteristics

Cable diameter, range	0.236 .. 0.315 in
Jack Wire Sizes	0.0 .. 18.0 AWG

Electrical characteristics

Rated Voltage	50 Volts
Rated current	4 A
Rated Impulse Voltage	2500.0 V


Mechanical characteristics

Connector Mating Cycles	100.0
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Usage characteristics

IP Rating	IP67 (IEC 60529)
Recommended operating temperature range	-40 .. 85 °C
Application Performance	100 Mb/s Ethernet

PRODUCT LIST

Part Number	Description
 81000751	LANmark-C541-M12D-PKB: M12, D-Coded, 4-pin screw termination male IP67 connector

 = Make to order,  = In stock