

# Berk-Tek OneReach Cable Assembly

M8 Pigtail 2 x 18 AWG conductor – 36 IN M8 pigtail for 1-Port, 2-Port, and 4-Port PoE (MTP) assembly field termination



**Part Number:** [11099456](#)

The OneReach Cable Assembly (OCA) combines optical fiber and copper conductors in a single assembly that easily attaches with standard LC or MPO and M8 connectors to reach distances up to 3,280 feet for 1000BASE-SX, and up to 6,560 feet for 100BASE-FX.

## DESCRIPTION

Speed, simplicity and performance. You find them all in the OCA of the OneReach System. Power and data transmission are supported within a single jacket through the use of Berk-Tek CL3R-PLTC-OF or CL3P-PLTC-OF rated composite copper/fiber power limited tray cable. These cables combine 12 AWG solid conductors with either tight-buffered or loose tube optical fiber cable designs to support 1, 2, or 4-port remote devices.

Building upon the strength of the innovative cable design, assemblies are built to the specific length requirements of each project, and arrive on-site with pre-tested optical fiber connectors and an M8 connector for power on the remote device end, ready to install. The local end of the assembly attaches effortlessly to the local media module or power injector chassis with standard LC connectors and easy to use screw terminals. Single end termination and field termination options are also available.

Rapid and reliable installation is the norm with OneReach, which lets you take PoE to new distances. The solid conductors provide enough power to support PoE to distances well beyond the 100 meters supported through traditional twisted pair cabling.

### Benefits

- Simple, single pull installation
- Combines control and communication in industrial pathways
- Provides common pathway for fiber backbone and Class 3 power supply
- Can be used in wet or dry locations
- Designs for indoor, outdoor, and indoor/outdoor environments
- Able to support distances beyond 2,500 feet

**Country of Origin:** U.S.A.

## CHARACTERISTICS

### Construction characteristics

Number of conductors	2
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### Dimensional characteristics

Number of optical fibres	0
Conductor cross-section (AWG)	18

### Usage characteristics

RoHS compliant	Yes
Field of application	Indoor, Outdoor



## STANDARDS

**International** EN 50173;  
ISO/IEC 11801

**National** UL 13

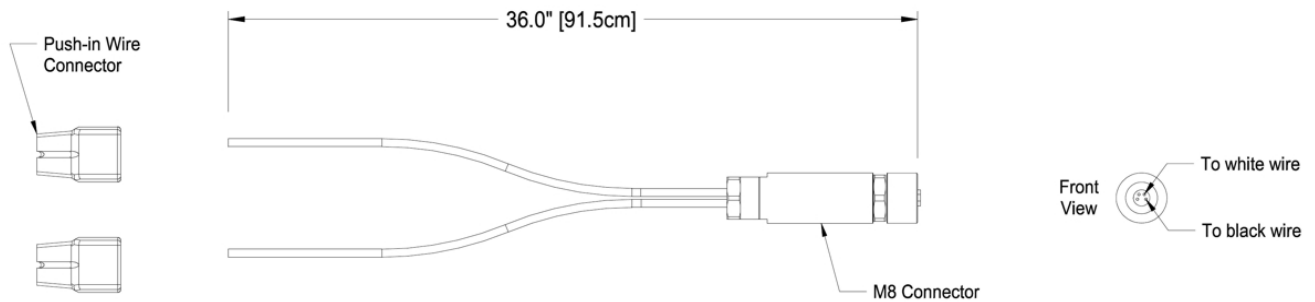
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## USAGE

This pigtail design is used for both 18 AWG and 12 AWG cables.

## DIAGRAM - M8 PIGTAIL 2X18 AWG - 11099456



## MANUFACTURING RELEASE

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