

ONEREACH™ NOW AVAILABLE WITH SINGLE-MODE FIBER!

CONNECT & POWER YOUR NETWORK DEVICES UP TO 2.5 KM AWAY!

Berk-Tek's OneReach™ solution is a game changer for remote applications like cameras, emergency phones, and wireless access points. By combining fiber cable for long-distance data transmission and copper cable for power over Ethernet (PoE) into a single composite cable, OneReach takes PoE+ and HPoE to all new distances. To extend the possibilities even further, OneReach is now available in both single-mode and multimode fiber options.

- Enables remote applications to be connected and powered more than 100 m from the switch
- Provides significant cost savings versus installation of a new electrical outlet with hardened devices
- Can be installed in plenum or riser pathways, with no transition point needed
- Simplifies installation with optional pre-terminated and factory tested products arriving ready to install
- Streamlines network and device management through centralized IT infrastructure

SYSTEM COMPONENTS

POWER INJECTION DEVICE

Standalone power injector and media converter (10/100/1000BASE-T to/from 1000BASE-LX). It can be installed on a wall or an 1U bracket (81000463, sold separately). Input voltage: 110/220 VAC. Output voltage: 56 VDC.

Part #: 81000960



CABLE ASSEMBLY

Composite indoor/outdoor cable, containing two single-mode tight-buffered fibers (LC terminated on both ends) and two 12 AWG copper conductors (M8 connector on the remote end). Pulling eye (0.8" OD) on the closet end. Cable OD 0.37". Available in custom lengths for plenum or riser constructions.

Plenum Part #: BHCP02ADD044FFNM8Pxxx

Riser Part #: BHCR02ADD044FFNM8Pxxx



REMOTE PoE PORTS

Remotely located IP20 rated unit that provides data and power to network devices such as security cameras, WAPs, and access control. Powered via the cable's M8 connector, it provides 802.3 compliant devices with data and/or power. It is available in two maximum power levels, PoE+ and HPoE (non-standard, max 50 W available to device).

PoE/PoE+ Part #: 81000961

PoE/PoE+/HPoE Part #: 81000959



SAMPLE SINGLE-MODE CONFIGURATION: ONE SECURITY CAMERA INSTALLED IN A PARKING AREA

