

Berk-Tek OneReach Cable Assembly

LC Pigtail - SMF - BD4P02ADNCNF003-TYPE AA-CLOSET END



Part Number: 11101278

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

Fiber optic type	SM (G657.A1)
Sheath colour	Yellow
Number of conductors	0
Connector type	LC

Dimensional characteristics

Number of optical fibres	2
--------------------------	---

Transmission characteristics

Optical performance	AB (Single-mode, OS2)
---------------------	-----------------------

Usage characteristics

RoHS compliant	Yes
----------------	-----



STANDARDS

International EN 50173;
ISO/IEC 11801

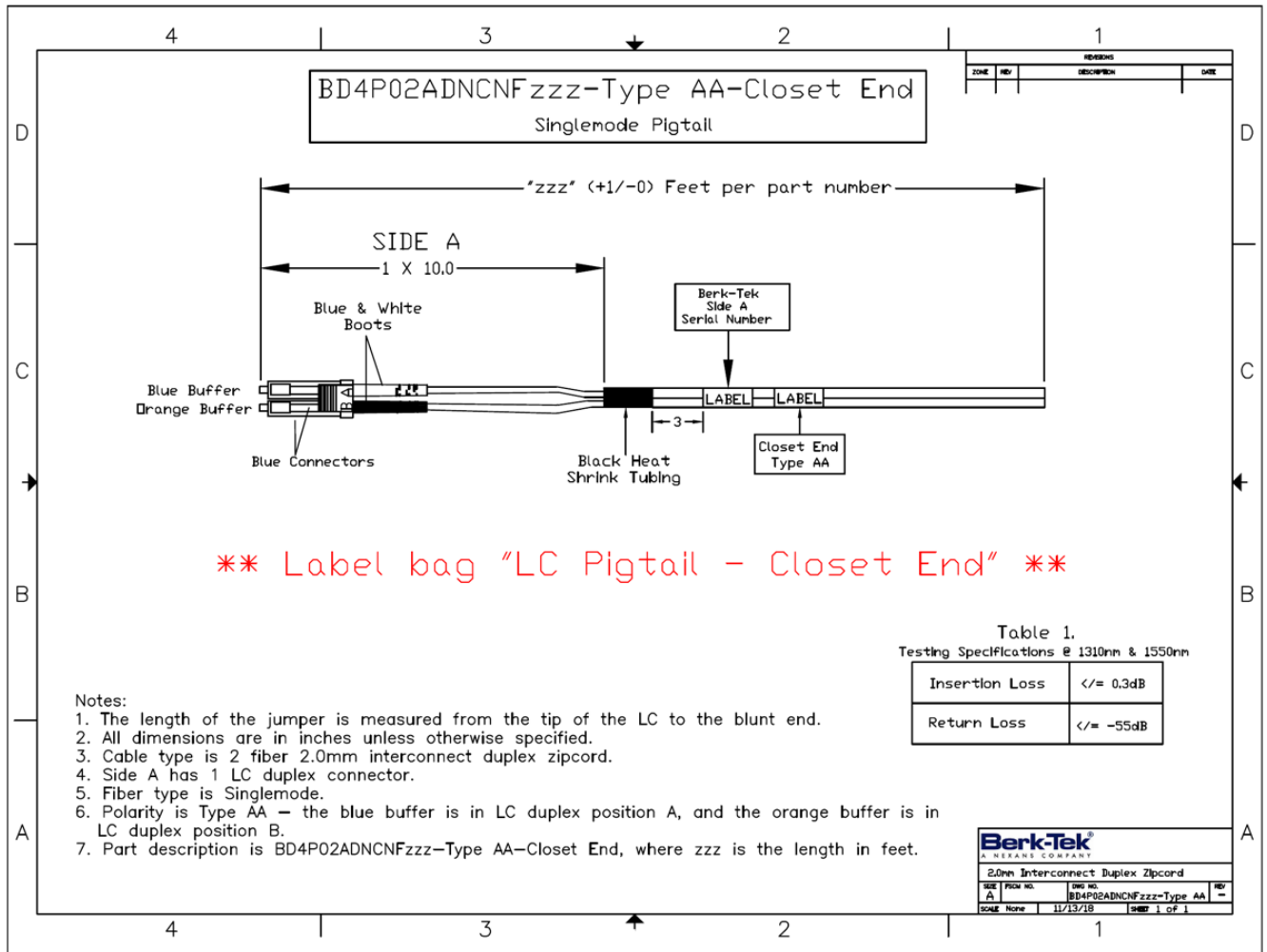
National UL 13

Usage characteristics

Field of application

Indoor

DRAWING - 11101278 - BD4P02ADNCNFZZZ-TYPE AA-CLOSET END



MANUFACTURING RELEASE

IMPORTANT NOTICE: This product specification is provided for informational purposes only in order to illustrate typical product constructions, applications and/or methods of installation. Because conditions of actual installation and use are unique and will vary, Berk-Tek makes no representation or warranty as to the reliability, accuracy or completeness of this data, even if Berk-Tek is aware of the product's intended use or purpose. Furthermore, this data does not constitute, nor should it be regarded or relied upon, as professional engineering advice. Installation of product should only be done by qualified personnel and in conformance with all safety, electrical and other applicable codes, standards, rules or regulations. Appropriate and correct product selection, installation and use, and compliance with all such codes, standards, rules and regulations, is a customer/end-user responsibility. Product specifications, standards, programs or services are subject to improvement or changes without notice. Berk-Tek accepts no liability for typographical errors, technical inaccuracies, omissions or misuse of the information contained herein. Changes will be periodically made to address any such issues.

Copyright © 2024 Leviton Manufacturing Co., Inc. All rights reserved.
 Leviton reserves the right to modify product specifications without notice.