



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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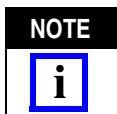


## 1. INTRODUCTION



*This product is for use in a restricted access location only.*

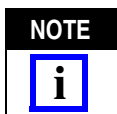
This instruction sheet provides installation guidelines for TE Connectivity Active Cables with TE-AC01 or TE-AC02 prefix QSFP connectors. Proper handling procedures should be exercised when transporting or installing the cables. Operation of the product must be maintained within the 0° to 70°C [32° to 158°F] operating case temperature range. This product is for use in a controlled environment or central office (CO) per GR-468 section 1.5.3.1.



*This product does not contain any adjustable controls.*



*Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.*



*Product is to be installed in accordance with both National and Local regulations and/or requirements or other authority having jurisdiction.*

## 2. INSTALLATION GUIDELINES FOR QSFP STYLE CONNECTOR ENDS

Refer to Figure 1 for installation of QSFP style connectors.

1. Correctly align the QSFP plug with the receptacle as shown in Figure 1A.

2. Insert the plug into the receptacle until it bottoms. See Figure 1B.

3. To remove the plug from the receptacle, pull back on the "pull tab" in the indicated direction until it is removed as shown in Figure 1C.

## 3. HANDLING

Maximum bend radius of the optical cable per ICEA-596 in the unloaded and install condition is 29 mm and in the loaded condition during installation is 58 mm.

This product is classified as a Class 1M Laser product in accordance with IEC 60825-1:2007 and complies with 21CFR 1040.10 and 1040-11 except for deviations pursuant to laser notice No. 50, dated 24-Jun-2007. Maximum power of 700uW is measured using two fibers.

**INVISIBLE LASER RADIATION  
DO NOT VIEW DIRECTLY WITH  
OPTICAL INSTRUMENTS "MAGNIFIERS"  
CLASS 1M LASER PRODUCT  
840-850 nm, 700uW**



*Do not view cut or damaged fiber optic cable with the naked eye or magnification instrument.*

## 4. REVISION SUMMARY

- Added new type connector to Section 1

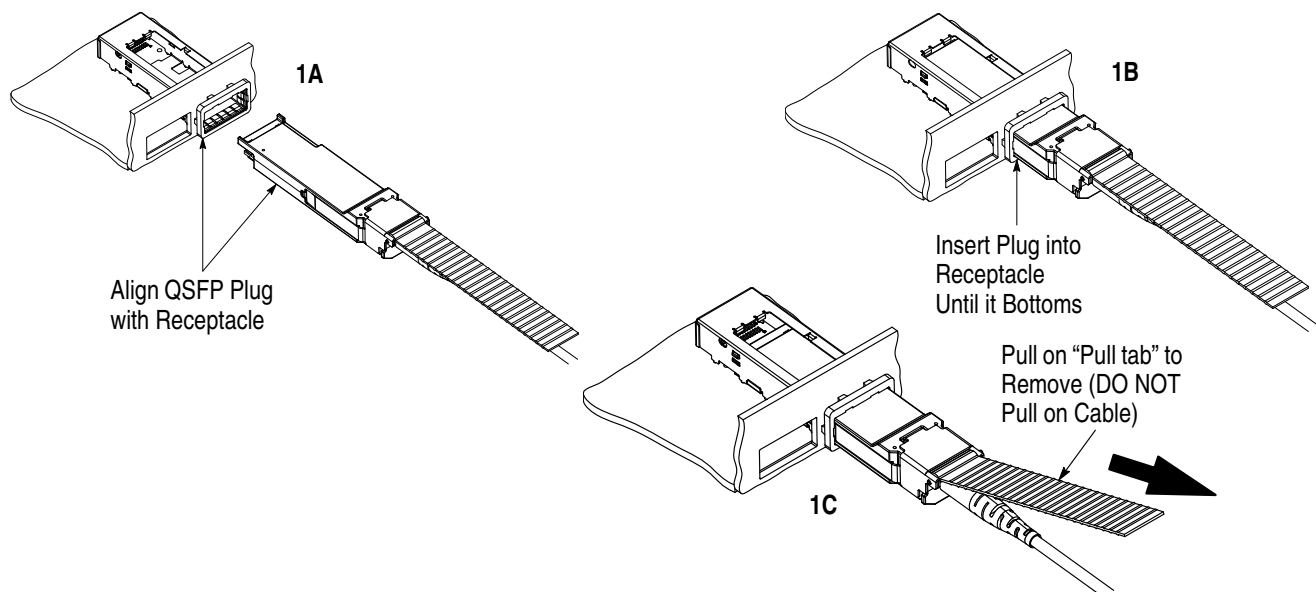


Figure 1