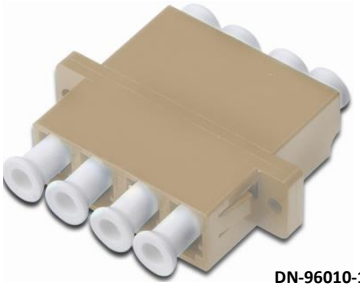
DIGITUS® Fiber Optic LC Couplers



DN-96007-1



DN-96010-1

- ✔ Compact & sturdy design
- ✔ High quality circonia ceramic ferrule
- ✔ Perfect for assembling of splice boxes
- ✔ Quick and easy installation

Abstract

DIGITUS® Fiber Optic LC Couplers, Duplex, Quad; Singlemode, Multimode

Features

- Compact design
- Sturdy housing
- Accurate processed
- Perfect for assembling of splice boxes
- Quick and easy installation
- With dust protection caps
- High quality circonia ceramic ferrule
- Low return- and insertion loss
- Compatible to Telcordia, ANSI, TIA/EIA, NTT und JIS
- According to IEC 61754 standards
- LC Duplex suitable for SC Simplex break-out
- LC Quad suitable for SC Duplex break-out
- Couplers with laser shutter (on request)

Product Overview

The high quality DIGITUS® fiber optic couplers with ceramic ferrule are the perfect supplement for the assembling of splice boxes. Due to constant quality controls and the accurate processing, the couplers guarantee an optimal performance and link quality. Each coupler is equipped with a dust protection cup, to protect the ferrules against dust. Moreover the couplers are delivered with the suitable mounting material, so that they can be installed and fixed to the front panels immediately. The perfect performance is achieved by using the DIGITUS® pigtails, which are also high quality manufactured and whose connectors interact with the couplers in the best of possible ways.

Specifications

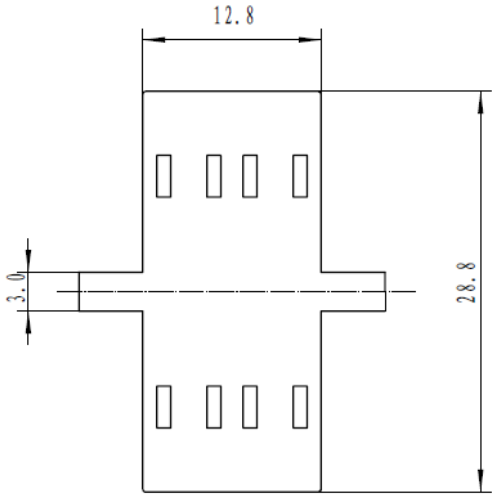
Connector	**Singlemode 9/125 µ**	**Multimode 50/125 µ**
Ferrule	Ceramic	Ceramic
Color	Blue/Metal	Beige/Aqua/Violet/Metal
Insertion loss	< 0.20 dB	< 0.20 dB
Life cycle	max. 1000 matings	max. 1000 matings
Operating temperature	-40 °C up to +85 °C	-40 °C up to +85 °C

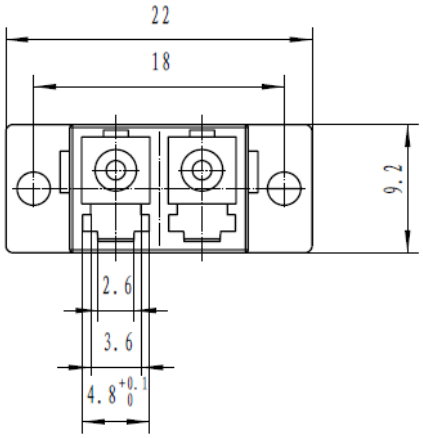
Application Areas

- CATV
- Active Network/Transceiver
- Passive Network
- Telecommunication
- Metro
- Multimedia
- Test equipment
- Gigabit Ethernet
- Video

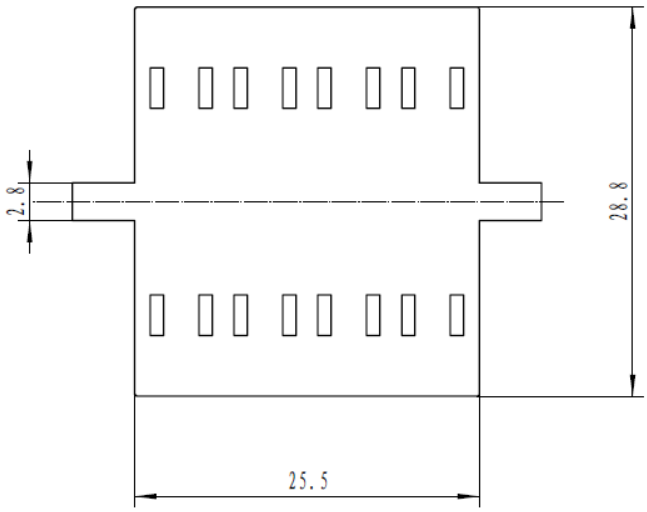
Technical Drawings

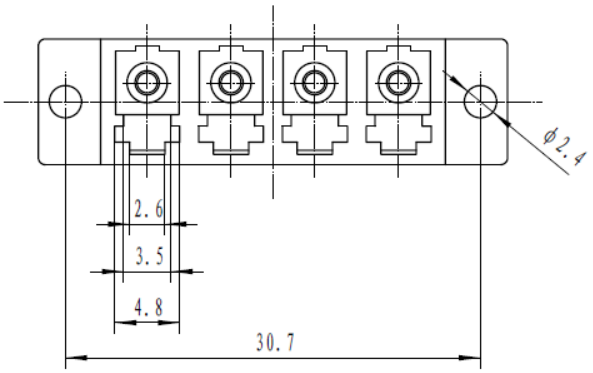
LC Duplex





LC Quad





Product Number Information

DN-96007-1	DIGITUS® LC/LC Duplex Coupler, color blue, circonia ceramic sleeve, polymer housing, Singlemode, incl. fixing material
DN-96008-1	DIGITUS® LC/LC Duplex Coupler, color Beige, circonia ceramic sleeve, polymer housing, Multimode, incl. fixing material
DN-96009-1	DIGITUS® LC/LC Duplex Coupler, color Aqua, circonia ceramic sleeve, polymer housing, Multimode, incl. fixing material
DN-96010-1	DIGITUS® LC/LC Quad Coupler, color Beige, circonia ceramic sleeve, Plastikgehäuse, Multimode, incl. fixing material
DN-96011-1	DIGITUS® LC/LC Quad Coupler, color Aqua, circonia ceramic sleeve, Plastikgehäuse, Singlemode, incl. fixing material
DN-96012-1	DIGITUS® LC/LC Quad Coupler, color blue, circonia ceramic sleeve, Plastikgehäuse, Singlemode, incl. fixing material
DN-96016-1	DIGITUS® LC/LC Quad Coupler, circonia ceramic sleeve, metal housing, Singlemode, incl. fixing material
DN-96017-1	DIGITUS® LC/LC Quad Coupler, circonia ceramic sleeve, metal housing, Multimode, incl. fixing material