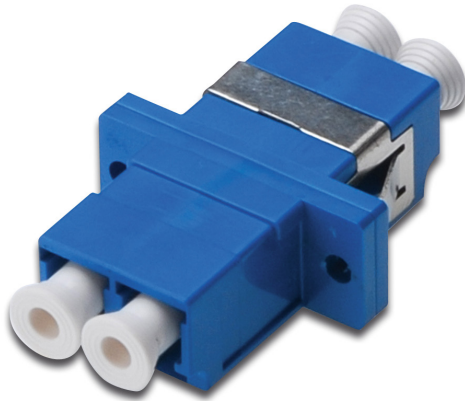


DIGITUS® LC / LC Coupler, Singlemode



✓ 15 Year Product Warranty

✓ 25 Year System Warranty

✓ Dust caps included

✓ Singlemode

Abstract

DIGITUS® LC / LC Coupler, Singlemode

Features

- 25 Year System Warranty
- Dust caps included
- Singlemode
- Ceramic sleeve
- LC version
- Incl. fixing material

Product Overview

Within the framework of optical fiber installations there exist many accessories which are necessary for a successful mounting. DIGITUS® Professional offers a well established range of products for all eventualities which comprises all accessories necessary for a complete cable system installation.

The DIGITUS® fiber optic coupler offers an optimal performance and link quality in the fiber optic area.

The couplers are constructed to allow fitting in the bulkheads either with a nut or with clips. The housings are manufactured from a range of plastics and metals selected to provide the optimum performance.

Part Number Information

DN-96007 - LC Coupler, Singlemode

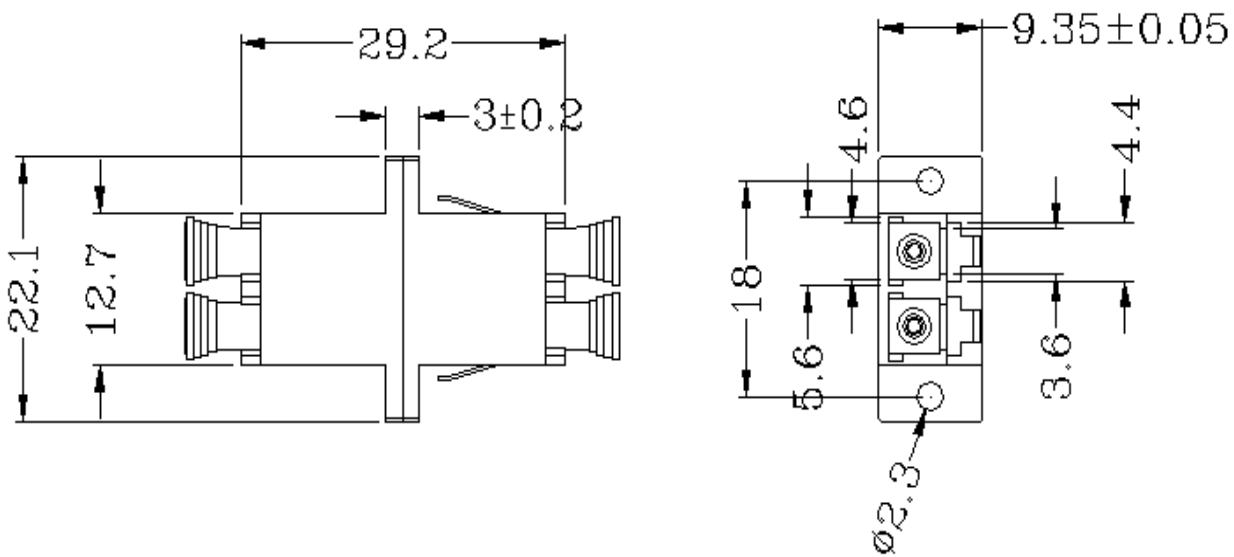
DIGITUS® LC / LC Coupler, Singlemode

Performance Overview

The performance of the adapters has been carefully designed to meet the toughest Telcordia standards

- GR-326-CORE
- RoHS-Compliance of item and package
- Conformance according to IEC 61754-20
- Conformance according to UL 94V-0

Technical Drawing



Optical Specification

Parameters	Specification
Typical Insertion Loss	$\leq 0.1\text{dB}$
Max Insertion Loss	$\leq 0.2\text{dB}$
Durability(500 Mating)	0.2dB Max.Increase

Environment Specification

Parameters	Specification
Operating Temperature	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$
Storage Temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

DIGITUS® LC / LC Coupler, Singlemode

Mechanical Specifications

Items		Requirement	Notes
Body Dimensions(mm)		29.2(L)*12.8(W)*9.3(H)	-
Assemble Dimensions(mm)		18.0	-
Adaptor Type		Singlemode LC/PC-LC/ PC Duplex adapter	SC simplex boring
Color		Blue	-
Material	Body	Plastic(PBT)	-
	Sleeve	ceramic	-
	Spring	Stainless steel	-
	Dust cap	Plastic(PBT)	With white color

Notes: Each adaptor should be mated with 2 pcs M2x 6mm screw.

Test Procedure

- Optical Characteristics
- Vibration Test
- Thermal Cycling
- Impact Resistance
- Thermal Aging
- Humidity Resistance
- Others

System Warranty

The DIGITUS® System Warranty provides 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The System Warranty will be applied by a certified DIGITUS® Partner who has installed the said system.

