

## DIGITUS® Fiber Optic ST Couplers



DN-96001-1



DN-96020-1

✓ Compact & sturdy housing

✓ High quality ceramic ferrule

✓ Perfect for assembling of splice boxes

✓ Quick and easy installation

### Abstract

DIGITUS® Fiber Optic ST Couplers, Simplex, Duplex; Singlemode, Multimode

### Features

- Compact design
- Sturdy housing
- Accurate processed
- High quality ceramic ferrule
- With dust protection caps
- Perfect for assembling of splice boxes
- Quick and easy installation
- Low return- and insertion loss
- Compatible to Telcordia, ANSI, TIA/EIA, NTT und JIS
- According to IEC 61754 standards
- ST Duplex is 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

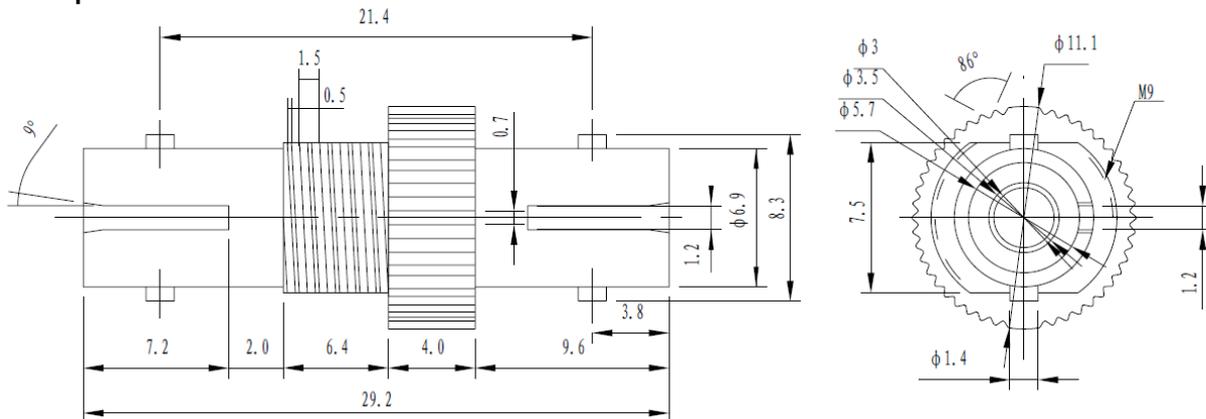
Connector	Singlemode 9/125 $\mu$	Multimode 50/125 $\mu$
Ferrule	Ceramic	Ceramic
Insertion loss	< 0.20 dB	< 0.20 dB
Life cycle	max. 1000 matings	max. 1000 matings
Operating temperature	-40 °C up to +85 °C	-40 °C up to +85 °C

## Application Areas

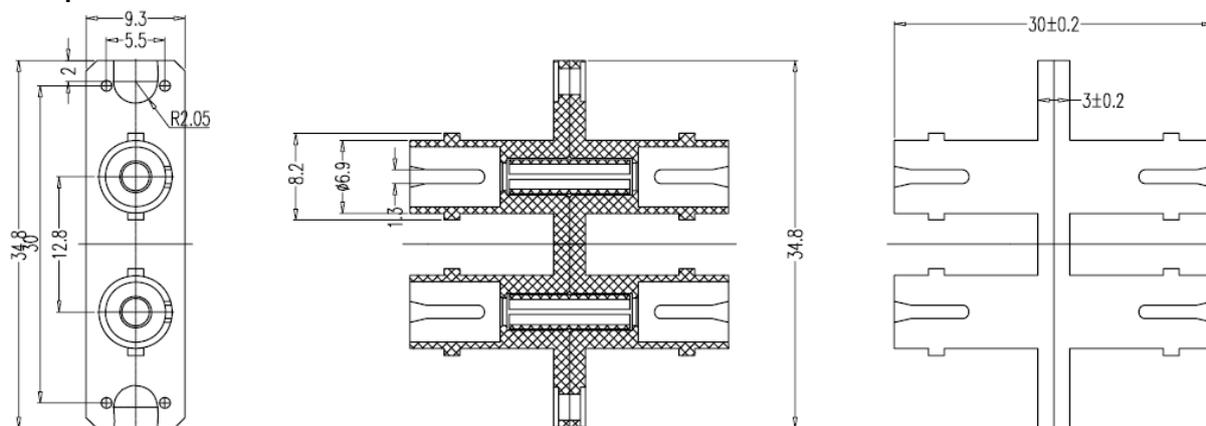
- CATV
- Active Network/Transceiver
- Passive Network
- Telecommunication
- Metro
- Multimedia
- Test equipment
- Gigabit Ethernet
- Video

## Technical Drawings

### ST Simplex



### ST Duplex



## Product Number Information

- |            |   |
|------------|---|
| DN-96001-1 | DIGITUS® ST/ST Simplex Coupler, ceramic sleeve, metal housing, with yellow caps, Singlemode |
| DN-96002-1 | DIGITUS® ST/ST Simplex Coupler, ceramic sleeve, metal housing, with black caps, Multimode   |
| DN-96020-1 | DIGITUS® ST/ST Duplex Coupler, ceramic sleeve, metal housing, Multimode                     |
| DN-96021-1 | DIGITUS® ST/ST Duplex Coupler, ceramic sleeve, metal housing, Singlemode                    |