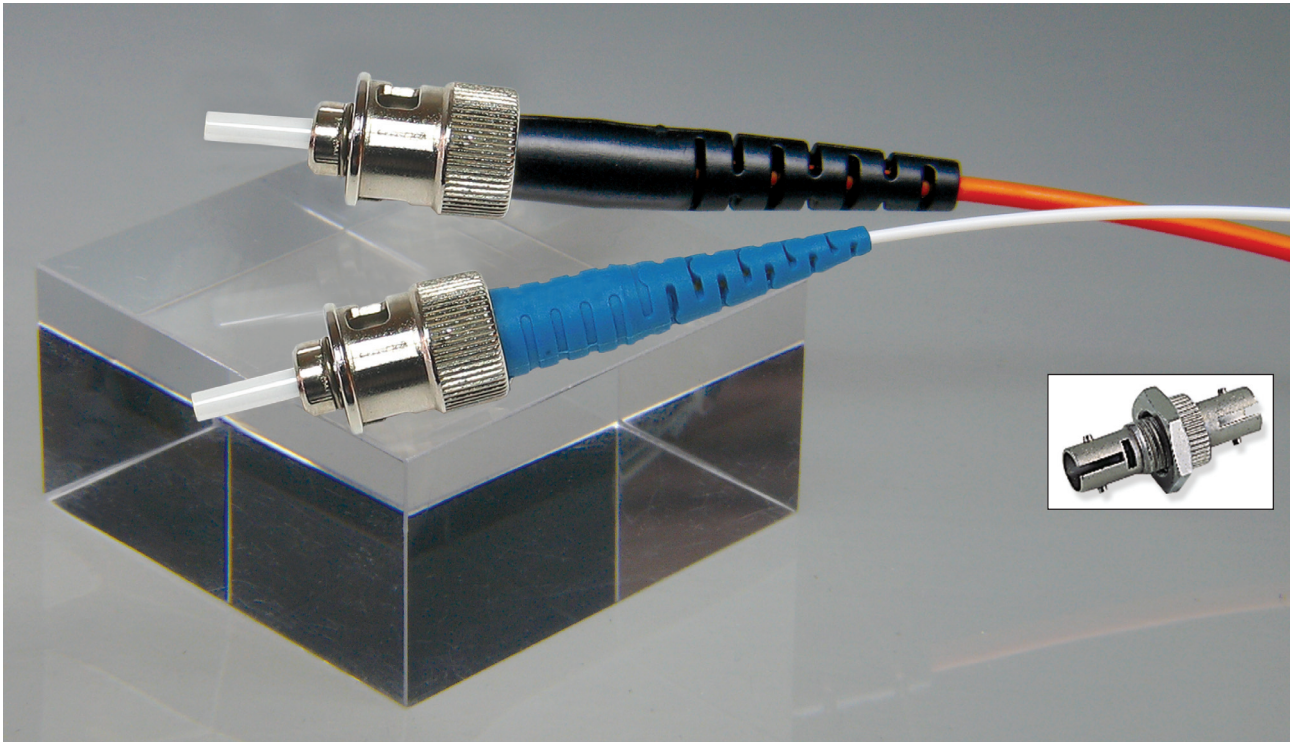


Connectors ▶
ST-Simplex (BFOC/2,5)



ST connectors are used for active components, in measurement technology as well as in LAN applications. It is a rugged connector with bayonet-type locking which offers both good mechanic properties and achieves good optical measurement values.

Material

Connector	metal
Adapter	metal with split and floating zirconia alignment sleeve metal
Ferrule	zirconia
External parts	metal, bayonet-type locking
Dust cap	plastic

Standards

- ST-PC: IEC 61754-2, IEC 60874-10
- ST-MM: IEC 61754-2, IEC 60874-10

Design

Connectors:

- ST-Simplex

Adapters:

- ST-Simplex

Colour coding:

- ST-PC: blue
- ST-MM: black

Applications

- Telecommunication, CATV, LAN, measuring systems
- Industry, medical engineering, sensor technology

Specifications of connectors

Standard	Singlemode PC	Multimode	Unit	Test conditions
Insertion Loss (IL)	typ: 0,2 max: 0,4	typ: 0,25 ¹ max: 0,40 ¹	dB	IEC 61300-3-34
Return Loss (RL)	typ: 50 ² min: 45 ²	typ: 40 min: 35	dB	IEC 61300-3-6
Repeatability of IL	max: ±0,1	max: ±0,1	dB	
Durability	>1000 matings			
Operating temperature range	-40 to +85		°C	depends from used type of cable

■ ¹ IEC 61753-122-2 Grade A ■ ² IEC 61755-1 Grade 2

Active specifications

Type of fibre, geometry of cable, material of cable: please inform in the Technical Information **FOC list of cable**.

Dimensions

ST-Connector

Type of pictail	Length
Fibre	max. 46
Cable	max. 52

ST-Adapter

All dimension units are mm.

