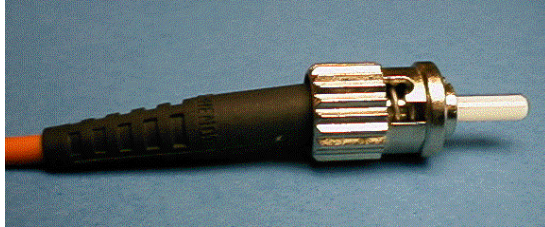
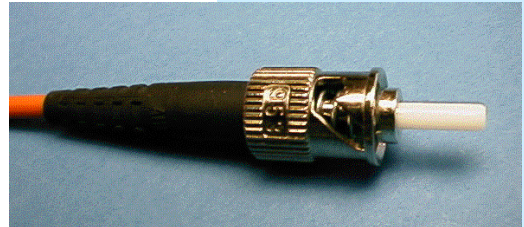


Singlemode & Multimode Connectors

ST I



ST II



MAIN CHARACTERISTICS

The materials used and the precision of the machining makes this product having an excellent mechanical and thermal stability.

Technical description

- Typical insertion loss :
 - Singlemode fiber : 0,3 dB at 1300 nm and 1550 nm
 - Multimode fiber : 0,3 dB
- Typical back reflection (singlemode fiber) :
 - < - 30 dB
- Reproducibility : $\pm 0,1$ dB
- Durability : 500 mating/unmating cycles
- Cable retention by crimping : ≥ 10 daN ($\varnothing$ 3 mm)
- Operating temperature : -20°C, +70°C
- Connector materials :
 - Metal body
 - Zirconium ceramic ferrule
- Connector indexing
- Spring loaded connector for physical contact butt coupling
- Termination by epoxy polish with polishing machines
- Termination by epoxy polish with field tool kit in 5 minutes

Features

The Amphenol Socapex metallic ST connector applies to high performances specifications.

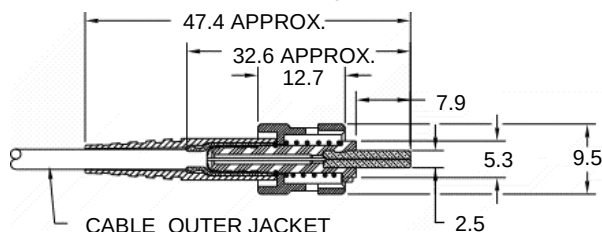
Applications

- Telecommunication and videocommunication networks
- Computer and industrial local area networks
- FDDI or Fiber Channel networks
- Home automation
- Sensors, process control, instrumentation

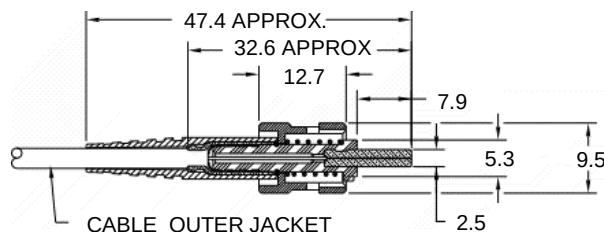
Amphenol

Line Drawings (dimensions in mm)

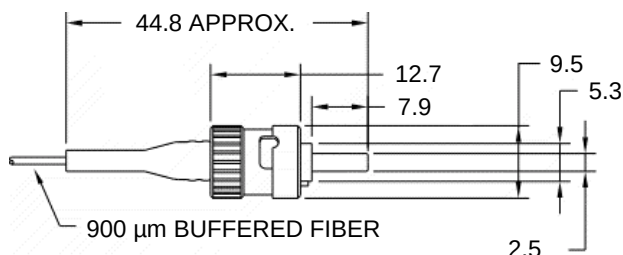
ST I CONNECTOR FOR 2,8mm CABLE



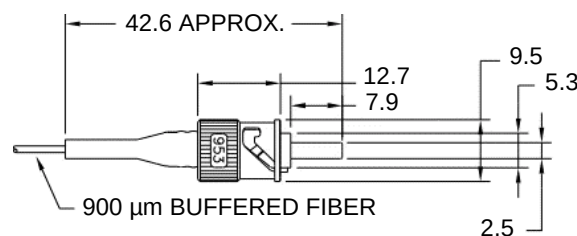
ST II CONNECTOR FOR 2,8mm CABLE



ST I CONNECTOR FOR 900µm BUFFERED FIBER



ST II CONNECTOR FOR 900µm BUFFERED FIBER



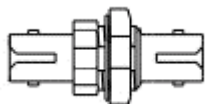
How to order :

Multimode / Single mode	Part number	Body	Boot 900 µm	Boot 3 mm	Crimp ferrule	Ceramic Ferrule (µm)	Packaging	Type *
Multimode	953-101-5118F09BP	×	×			127	1000	I
Multimode	953-101-5118F30BP	×		×	×	127	1000	I
Multimode	953-101-5118F39BP	×	×	×	×	127	1000	I
Multimode	953-101-5118	×	×	×	×	128	100	II
Multimode	953-101-5310	×	×	×	×	128	1	II
Singlemode	953-101-5306F09BP	×	×			126	1000	I
Singlemode	953-101-5306F30BP	×		×	×	126	1000	I
Singlemode	953-101-5306F39BP	×	×	×	×	126	1000	II
Singlemode	953-101-5306	×	×	×	×	126	1	II

* : type I for ST I, type II for ST II

ST adapters (for more details, see on adapters data sheet)

ST-ST ADAPTER



SC-ST ADAPTER



ST and ST II are registered trademarks of AT&T

Amphenol

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