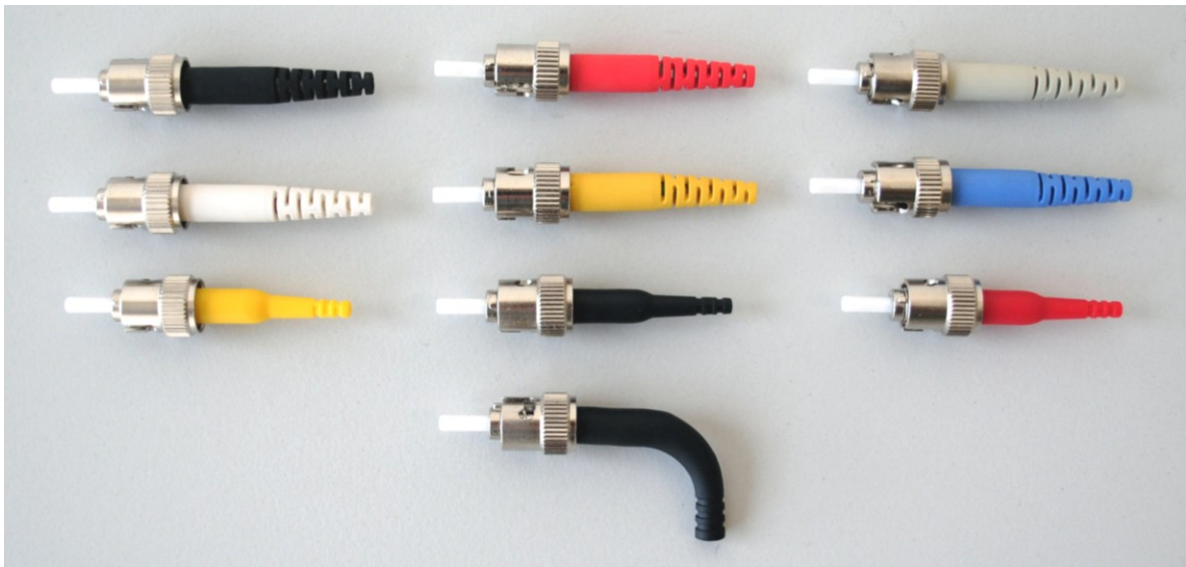


# ST Connector Kit Crimp Type



## T E C H N I C A L   S P E C I F I C A T I O N



# G E N E R A L

This specification covers the ST PC Connector Kit Crimp Type for singlemode and multimode applications according to IEC 61754-2 and TIA 604-2.

## M O D E L S   A V A I L A B L E

The ST PC Connector Crimp Type is available with the following crimps, boots sizes and colours:

Cable Diameter	Ø 900 µm	1.6 mm	2.0 mm Slotted	2.5 mm	3.0 mm Slotted
<b>Boot</b>	Red, Black and Yellow	2mm Boot	White, Blue, Red, Black, Yellow, Beige and Green.	3mm Boot	White, Blue, Red, Black, Yellow and Beige.
<b>Crimp</b>	---	Available	Available	Available	Available

### Special Boots

Cable Diameter	Ø 900 µm	1.6 mm	2.0 mm	2.5 mm	3.0 mm
<b>90° Boot</b>	---	2mm Boot	Black	3mm Boot	Black

Optoplast ST PC connectors are supplied, as standard in the following configurations:

	Boots for ST PC Connectors
<b>Multimode</b>	Black
<b>Singlemode PC</b>	Yellow

ST APC connector kit available on request.

Availability of Dust Cap with Latch.

Other boot colours are available on request.

Available ferrules: refer to Spec. N° FR-2.5-01-001

## M E C H A N I C A L   C H A R A C T E R I S T I C S

Mating Durability	>500 connections	IEC61300-2-2
Cable Retention	100 N, 120s	IEC61300-2-4
900 µm Buffer Retention	5 N, 60s	IEC61300-2-4
Vibration	10 – 55 Hz , 1 octave / min. 3 axis of 15 cycles , 0.5h/axis amplitude 0.75mm	IEC61300-2-1
Repeated Bending Cable	100 cycles -90°/0°/+90°/0° Load = 5N	IEC61300-2-44
Repeated Bending 900 µm Buffer	100 cycles -90°/0°/+90°/0° Load = 0.2N	IEC61300-2-44
Cable Torsion	1.5kg -2.5kg for 2mm-3mm cable diameter	IEC60794-2-5
Drop	1.5m , 5 times	IEC61300-2-12
Static Side Load	1N , 1h	IEC61300-2-42
Static Side Load 900 µm Buffer	0.2N , 5min	IEC61300-2-42
Cold	-25°C , 96h	IEC61300-2-17
Dry Heat	+70°C , 96h	IEC61300-2-18
Change of temperature	-25°C to +70°C , 12 cycles	IEC61300-2-22

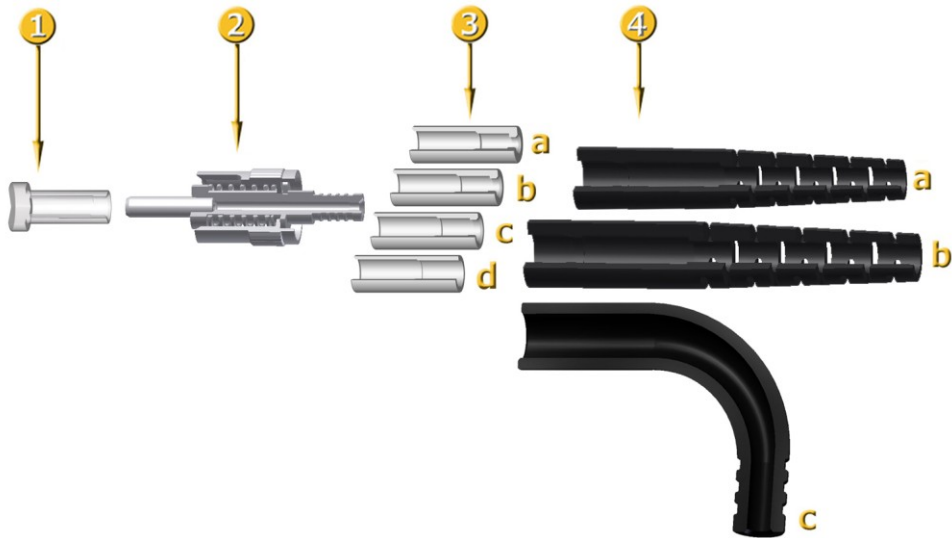
## P A C K A G I N G

Each separate component of the ST PC crimp type connector is packed as standard in transparent plastic bags of 500 pieces.

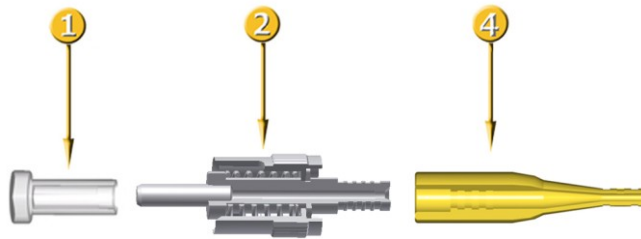
There is no logo nor any company marking on the bags.

Customized packaging and labelling solutions are available on request.

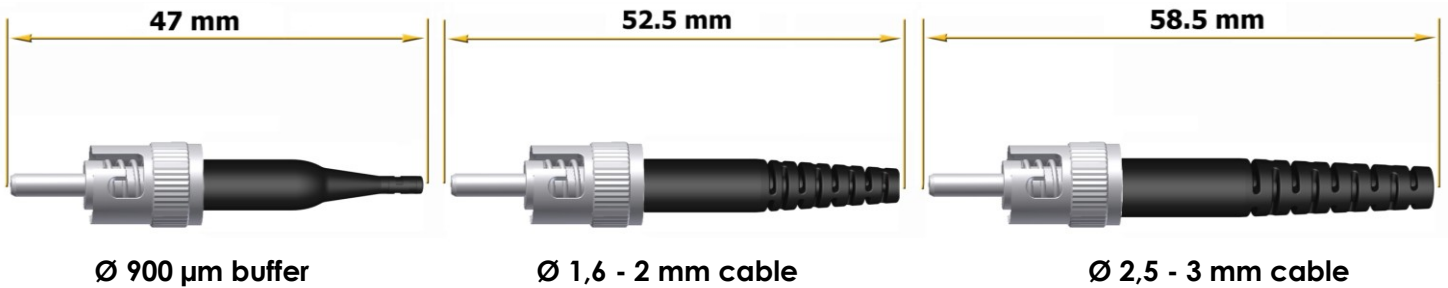
ST PC Crimp Type Connector for Ø 1,6 - 2 - 2,5 - 3 mm cables



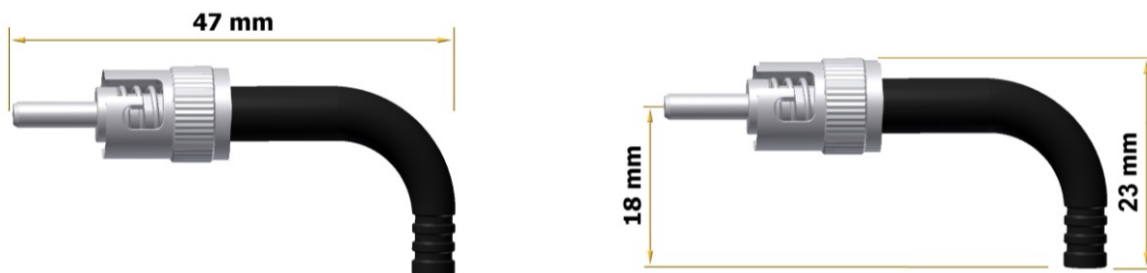
ST PC Connector for Ø 900 µm buffer



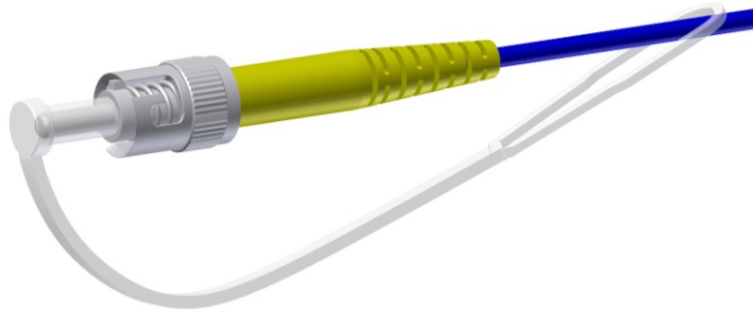
ST PC Crimp Type Connector Overall Dimensions



ST PC Crimp Type Connector with 90° Black Boot for Ø 2 - 3 mm cables



## ST PC Connector Dust Cap with Latch



## C O M P O N E N T S   A N D   M A T E R I A L S

N°	Component	Material	N°	Component	Material
1	Dust Cap	PE LD	3.a	Crimp Tube for Cable Ø 1.6 mm	Nickel Plated Zinc Alloy
2	Ferrule	Zirconia	3.b	Crimp Tube for Cable Ø 2 mm	Nickel Plated Zinc Alloy
	Flange	Nickel Plated Zinc Alloy	3.c	Crimp Tube for Cable Ø 2.5 mm	Nickel Plated Zinc Alloy
	Spring	Stainless Steel	3.d	Crimp Tube for Cable Ø 3 mm	Nickel Plated Zinc Alloy
	Nut	Nickel Plated Zinc Alloy	4.a	Boot for Cable Ø 1.6 - 2 mm	Polymer
	Seeger Ring	Stainless Steel	4.b	Boot for Cable Ø 2.5 - 3.0 mm	Polymer
			4.c	90° Boot for Cable Ø 2 - 3 mm	Polymer
		4	Boot for Buffer Ø 900 µm	Polymer	

Special Component	Material
Dust Cap with Latch	PE LD

All components of the connector are RoHS and REACH compliant.

## E N D   O F   S P E C I F I C A T I O N

Distributor



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