ST Adapter Series

Adapter ST type

Field of Application

- CATV
- LAN&WAN
- Network
- Broadband
- FTTx

Features

- Compliant to Bellcore GR326 and TIA 568A standards
- Available H-shaped and Rectangular mount
- Coupling body zinc alloy for long life
- Threaded with nuts or snap-in coupling easily installs in panel mount
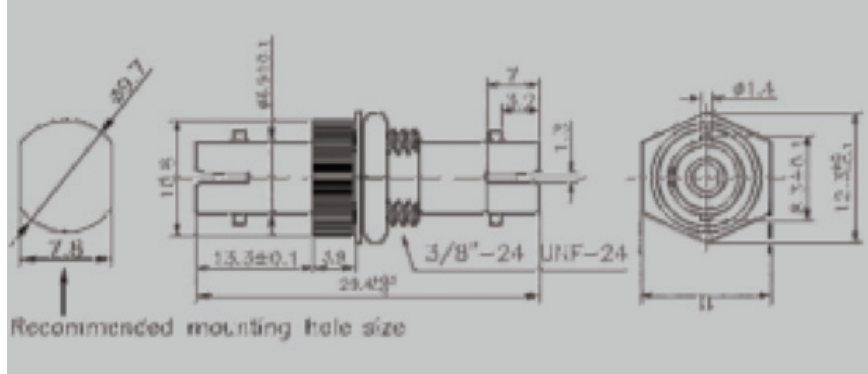
Product description

ST Adapter Series

euroclust offers a full line of fibre optic adapters for every application including flanged threaded, metal, composite and hybrid or plug varieties. Available in simplex, duplex, with ceramic (Zirconia) sleeve for high precision alignment. All kind of adapters meet different demands for fibre optic applications according to international industry standards.

Rubber round dust caps as standard for all types. For multimode in black color and for singlemode in yellow color (red color for singlemode is available on request).

Technical parameters

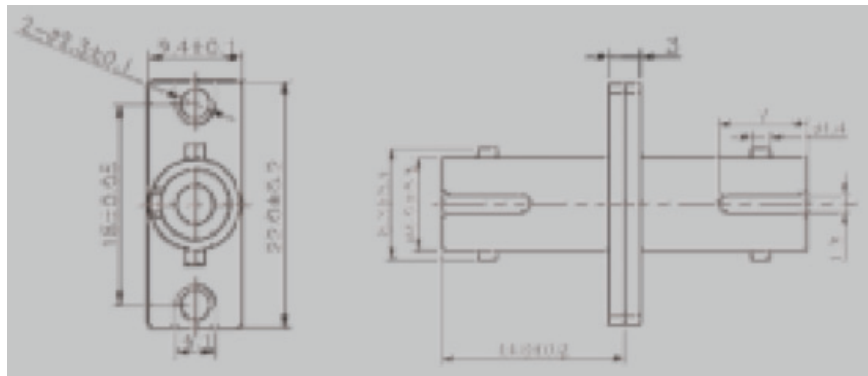|	Grade B	Grade C
Sleeve Material	Ceramic	Ceramic
Insertion Loss (IEC 61300-3-4)	0.1dB	0.2dB
Mode type	Singlemode/Multimode	Singlemode/Multimode
Mating durability (IEC 61300-2-2)	500 cycles at not less than 3s between engagement	
Pull Out Force (IEC 61300-2-6)	1000N at 10N/s, 60s	
Cold (IEC 61300-2-17)	-40°C (±3°C), 96h	
Dry Heat (IEC 61300-2-18)	+85°C (±3°C), 96h	
Change of temperature (IEC 61300-2-22)	-40°C (±3°C) to +95 (±3°C) 60 min duration at extremes 1°C/min rate of change, 12cycles	
Damp Heat (IEC 61300-2-19)	40°C (±2°C) 93% RH, 2% to 3% RH, 96h	
Durability (500 Mating)	0,2dB max increase	
Withdrawal Force (g/f)	100/300	
Operating Temperature	-40 to +80°C	

Components & Dimensions

UNF - Unified Fine Thread

ST Simplex Metal round, metal housing

Description	Net weight(g)	ec-Article Nr.:
STsx PC Adapter, central screw, Ceramic sleeve, SM, Grade B, yellow dust cap	**8**	**EC02.340632.006**
STsx PC Adapter, central screw, Ceramic sleeve, SM, Grade C, yellow dust cap	8	EC02.340132.006
STsx PC Adapter, central screw, Ceramic sleeve, MM, Grade C, black dust cap	**8**	**EC02.340432.001**

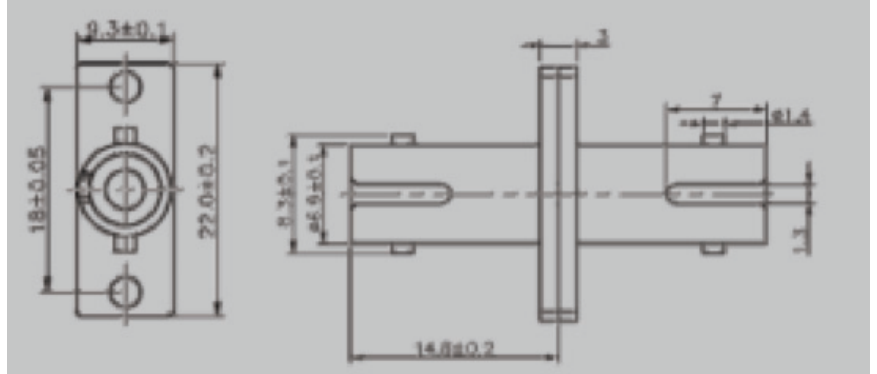

ST Simplex Metal (SC simplex footprint), metal housing

Description	Net weight(g)	ec-Article Nr.:
STsx PC Adapter, 2 screws, Ceramic sleeve, SM, Grade B, yellow dust cap	**8**	**EC02.340634.006**
STsx PC Adapter, 2 screws, Ceramic sleeve, SM, Grade C, yellow dust cap	8	EC02.340134.006
STsx PC Adapter, 2 screws, Ceramic sleeve,MM, Grade C, black dust cap	8	EC02.340434.001

Bold means prefered type

ST Adapter Series

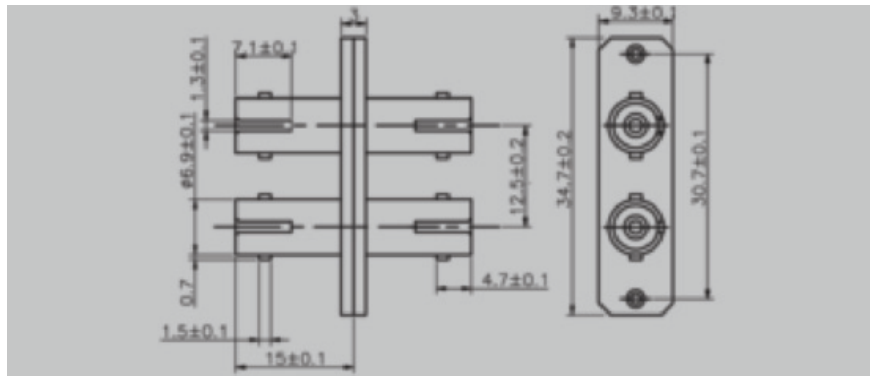Adapter ST type

Components & Dimensions

ST Simplex Plastic (SC simplex footprint), plastic housing, SM in blue color and MM in beige color

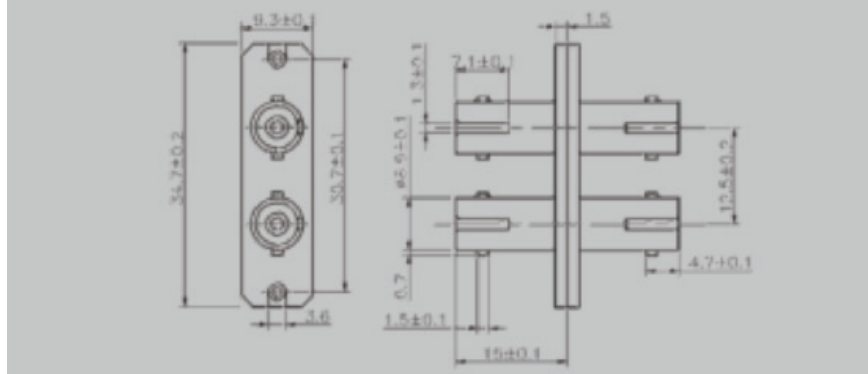| Description	Net weight(g)	ec-Article Nr.:
STsx PC Adapter, 2 screws, Ceramic sleeve, SM, Grade B, yellow dust cap	3	EC02.340633.006
STsx PC Adapter, 2 screws, Ceramic sleeve, SM, Grade C, yellow dust cap	3	EC02.340133.006
STsx PC Adapter, 2 screws, Ceramic sleeve, MM, Grade C, black dust cap	3	EC02.340433.001

ST Duplex Plastic (SC duplex footprint), plastic housing, SM in blue color and MM in beige color

Description	Net weight(g)	ec-Article Nr.:
STdx PC Adapter, 2 screws, Ceramic sleeve, SM, Grade B yellow dust cap	5	EC02.340635.006
STdx PC Adapter, 2 screws, Ceramic sleeve, SM, Grade C yellow dust cap	5	EC02.340135.006
STdx PC Adapter, 2 screws, Ceramic sleeve, MM, Grade C, black dust cap	5	EC02.340435.001

Bold means prefered type

Components & Dimensions

ST Duplex Metal (SC duplex footprint), metal housing

Description	Net weight(g)	ec-Article Nr.:
STdx PC Adapter, 2 screws, Ceramic sleeve, SM, Grade B, yellow dust cap	**14**	**EC02.340636.006**
STdx PC Adapter, 2 screws, Ceramic sleeve, SM, Grade C, yellow dust cap	14	EC02.340136.006
STdx PC Adapter, 2 screws, Ceramic sleeve, MM, Grade C, black dust cap	**14**	**EC02.340436.001**

Bold means prefered type

Packaging

Depending on our customer's requirements, bulk or blister packaging is available. Standard packing is bulk packing.
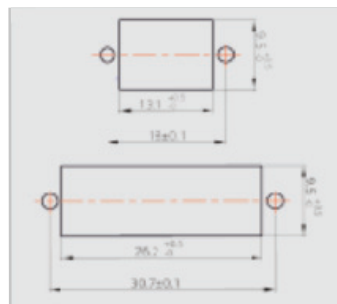
Bulk packaging
One bag consists of either:
50 pcs.   Duplex Adapters
100 pcs.   Simplex Adapters

Blister packaging
The size of each blister layer as well as the amount of adapters per blister layer may different.Please ask your euroclust sales representative for details.

Mounting hole dimensions

Recommended mounting hole dimension:
The cut out for the adapter mounting should be of the above dimensions.

Note : This recomended mounting hole dimension is valid for all types of ST adapters except Simplex metal round.

Screw mounting method/mountig screws

Description	Size	Max. wall thickness	Type	ec_Article number
Philips head screw	M2 x 8	1,5mm	APHSN2x8	EC02.3000090.001
Self taping screw	2,2 x 4,5	1,5mm	ASTS2,2x4,5	EC02.3000090.002
Hexagional nut	M2	1,5mm	APHNM2	EC02.3000090.003

Dust caps information :

Plugable dust cap

Material:
PVC

Colors:
SM UPC - yellow (red color is available)
MM   - black