

Hybrid Adapter Female - Female Series FC-ST

Applications:

Telecommunication Networks
CATV
LAN & WAN
Data Networks
Broadband
FTTx

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) or Phosphor - Bronze sleeve for high precision alignment. All kind of adapters meet different demands for fibre optic applications according to international industry standards.

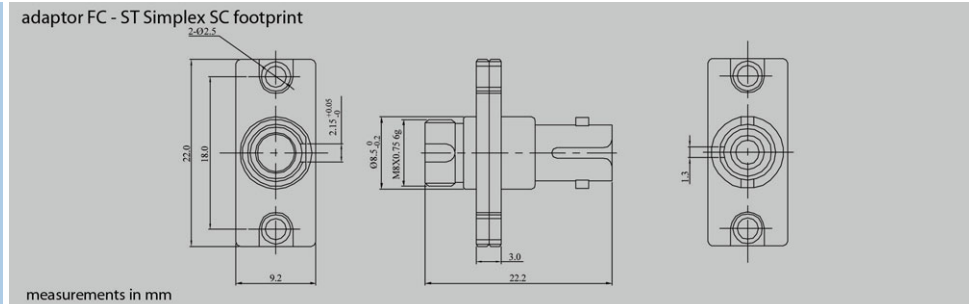
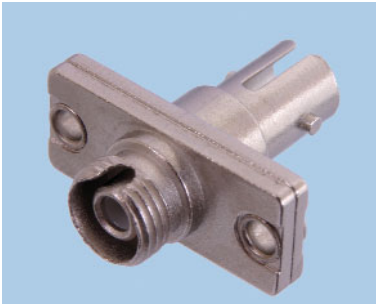
Specification

Item	Parameters
Insertion Loss I.L.	<= 0,2 dB
Durability (500 Mating)	0,2 dB max Increase
Withdrawal Force (g/f)	100 - 300
Operating Temperature	-25 ... + 70°C

Features

Full compliance to relevant specifications for connectors and adapters
Conversion adapters provide minimal light loss
Simplex and duplex are available
Hybrid - all versions

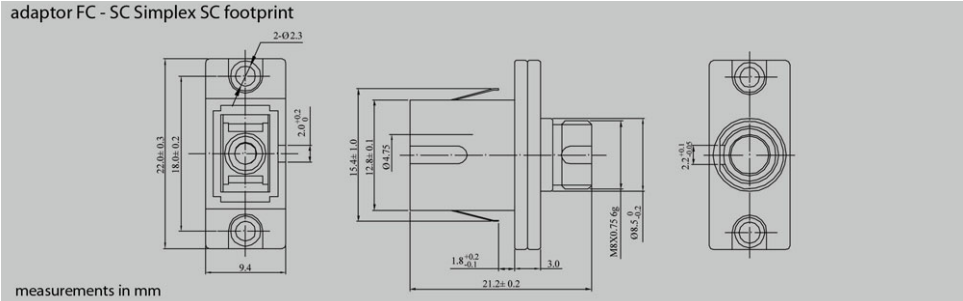
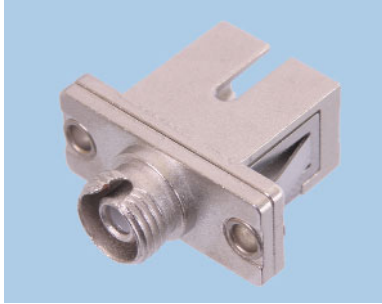
FC - ST Simplex SC footprint



Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal	Clip/Screw	MM	AF.SCSTB.SXMM	EC02.630231.010
Metal	Ceramic	metal	Clip/Screw	SM	AF.SCSTZ.SXMM	EC02.630131.011
Plastic	Ceramic	beige	Clip/Screw	MM	AF.SCSTB.SXPP	EC02.630231.012
Plastic	Ceramic	blue	Clip/Screw	SM	AF.SCSTZ.SXPP	EC02.630131.013

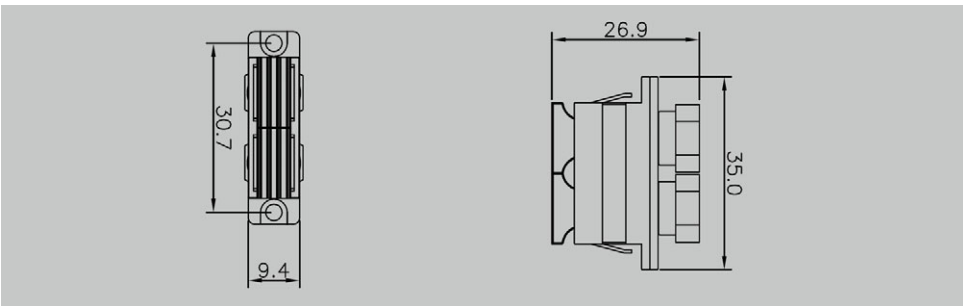
Hybrid Adapter Female - Female Series FC-SC

FC - SC Simplex SC footprint



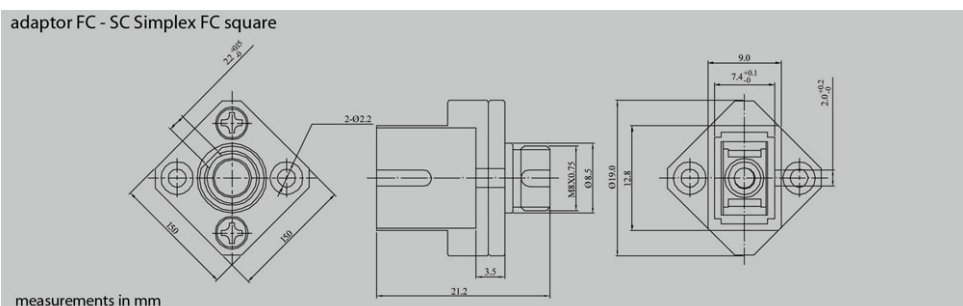
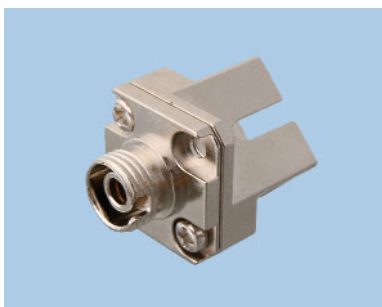
Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal	Clip/Screw	MM	AF.FCSCB.SXMM	EC02.640231.012
Metal	Ceramic	metal	Clip/Screw	SM	AF.FCSCZ.SXMM	EC02.640131.013
Plastic	PhBz	plastic	Clip/Screw	MM	AF.FCSCB.SXPP	EC02.640131.014
Plastic	PhBz	plastic	Clip/Screw	SM	AF.FCSCZ.SXPP	EC02.640131.015

FC - SC Duplex SC footprint



Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal	Clip/Screw	MM	AF.FCSCB.SDMM	EC02.680231.010
Metal	Ceramic	metal	Clip/Screw	SM	AF.FCSCZ.SDMM	EC02.680131.010
Metal	Ceramic	metal	Clip/Screw	SM/APC	AF.FCSCZ.SDMMA	EC02.680131.004

FC - SC Simplex FC square



Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal	Screw	MM	AF.FCSCB.SQMM	EC02.640202.010
Metal	Ceramic	metal	Screw	SM	AF.FCSCZ.SQMM	EC02.640102.011

Screw mounting method/mounting screws

Description	Size	Max. wall thickness	Type	Article Nr.:
Philips head screw	M 2x8	1,5 mm	APHSN2x8	EC02.300090.001
Hexagonal nut	M2	1,5 mm	APHNM2	EC02.300090.003
Self tapping screw	M2,2x4,5 mm	1,5 mm	ASTS2,2x4,5	EC02.300090.002

Hybrid Adapter Female - Female Series LC-SC

Applications:

Telecommunication Networks
CATV
LAN & WAN
Data Networks
Broadband
FTTx

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) or Phosphor - Bronze sleeve for high precision alignment. All kind of adapters meet different demands for fibre optic applications according to international industry standards.

Specification

Item	Parameters
Insertion Loss I.L.	<= 0,2 dB
Durability (500 Mating)	0,2 dB max Increase
Withdrawal Force (g/f)	100 - 300
Operating Temperature	-25 ... + 70°C

Features

Full compliance to relevant specifications for connectors and adapters
Conversion adapters provide minimal loss
Simplex and duplex versions are available
Hybrid - all versions

LC - SC Simplex SC footprint



Housing	Alignmet sleeve	Housing shape	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal	Clip/Screw	MM	AF.LCSCB.SCIPP	EC02.670231.010
Metal	Ceramic	metal	Clip/Screw	SM	AF.LCSCZ.SCIPP	EC02.670131.011

Screw mounting method/mounting screws

Description	Size	Max. wall thickness	Type	Article Nr.:
Philips head screw	M 2x8	1,5 mm	APHSN2x8	EC02.300090.001
Hexagonal nut	M2	1,5 mm	APHNM2	EC02.300090.003
Self tapping screw	M2,2x4,5 mm	1,5 mm	ASTS2,2x4,5	EC02.300090.002



Hybrid Adapter Female - Female Series SC-ST

Applications:

Telecommunication Networks
CATV
LAN & WAN
Data Networks
Broadband
FTTx

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) or Phosphor - Bronze sleeve for high precision alignment. All kind of adapters meet different demands for fibre optic applications according to international industry standards.

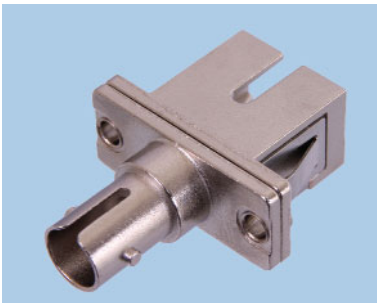
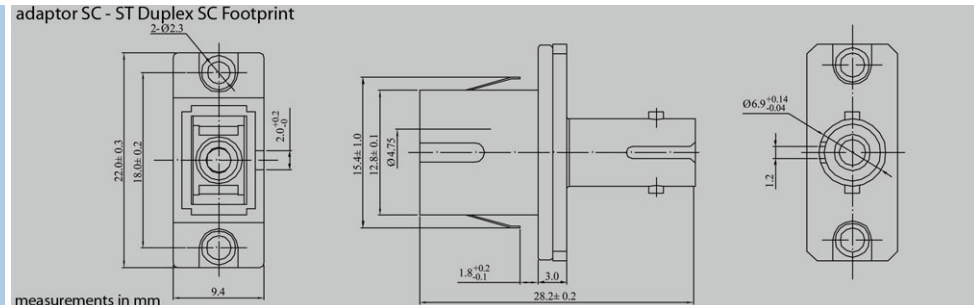
Specification

Item	Parameters
Insertion Loss I.L.	$\leq 0,2$ dB
Durability (500 Mating)	0,2 dB max Increase
Withdrawal Force (g/f)	100 - 300
Operating Temperature	-25 ... + 70°C

Features

Full compliance to relevant specifications for connectors and adapters
Conversion adapters provide minimal loss
Simplex and duplex versions are available
Hybrid - all versions

SC - ST Simplex SC footprint



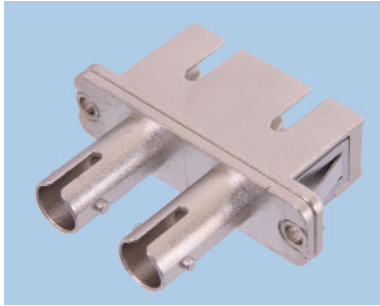
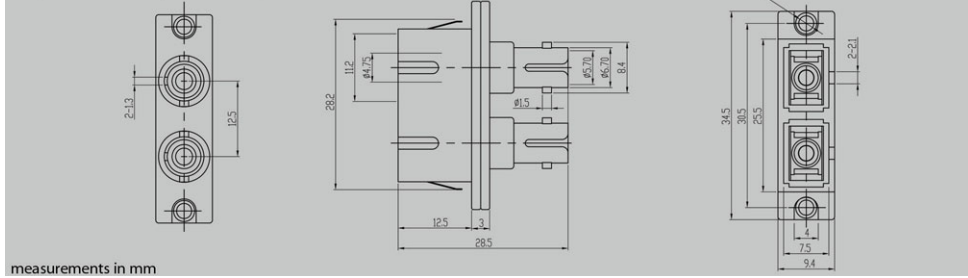
Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Plastic	PhBz	beige	Clip/Screw	MM	AF.SCSTB.SXPP	EC02.610231.010
Plastic	Ceramic	blue	Clip/Screw	SM	AF.SCSTZ.SXPP	EC02.610131.011
Metal	PhBz	metal	Clip/Screw	MM	AF.SCSTB.SXMM	EC02.610231.012
Metal	Ceramic	metal	Clip/Screw	SM	AF.SCSTZ.SXMM	EC02.610131.013

Hybrid Adapter Female - Female Series SC-ST

SC - ST Duplex SC footprint



adaptor SC - ST Simplex SC Footprint



Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Plastic	PhBz	beige	Clip/Screw	MM	AD.SCSTB.DXPP	EC02.620231.010
Plastic	Ceramic	blue	Clip/Screw	SM	AD.SCSTZ.DXPP	EC02.620131.011
Metal	PhBz	metal	Clip/Screw	MM	AD.SCSTB.DXMM	EC02.620231.012
Metal	Ceramic	metal	Clip/Screw	SM	AD.SCSTZ.DXMM	EC02.620131.013

Screw mounting method/mounting screws

Description	Size	Max. wall thickness	Type	Article Nr.:
Philips head screw	M 2x8	1,5 mm	APHSN2x8	EC02.300090.001
Hexagonal nut	M2	1,5 mm	APHNM2	EC02.300090.003
Self tapping screw	M2,2x4,5 mm	1,5 mm	ASTS2,2x4,5	EC02.300090.002

Hybrid Adapter Male - Female Series

Applications:

Telecommunication Networks
CATV
LAN & WAN
Data Networks
Broadband
FTTx

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) or Phosphor - Bronze sleeve for high precision alignment. All kind of adapters meet different demands for fibre optic applications according to international industry standards.

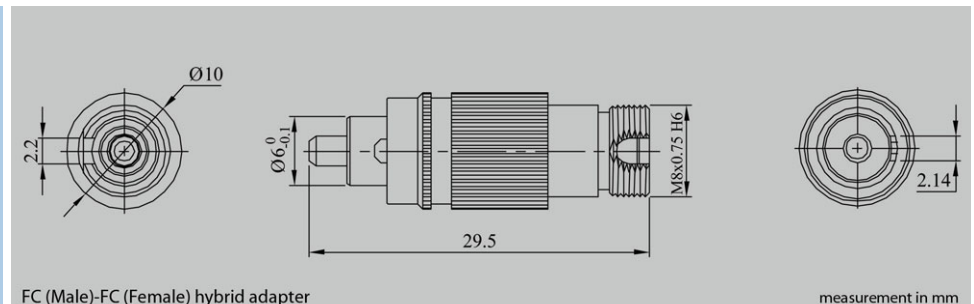
Specification

Item	Parameters
Insertion Loss I.L.	$\leq 0,3$ dB
Return Loss R.L.	SM>50dB, APC>60dB
Durability (1000 Mating)	0,2dB max Increase
Operating Temperature	-25 ... + 70°C

Features

Female to male hybrid adapters
Saving costs

FC (Male) - FC (Female)

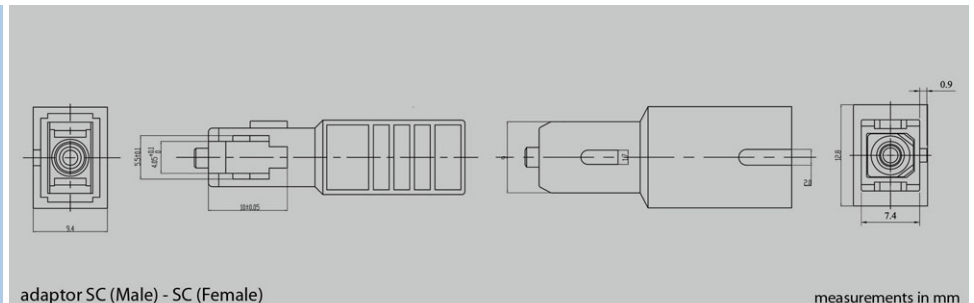


FC (Male)-FC (Female) hybrid adapter

measurement in mm

Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal		MM	AM.FC/PC50.FCB	EC02.810200.010
Metal	Ceramic	metal		SM	AM.FC/UPC.E9.FCZ	EC02.810100.011

SC (Male) - SC (Female)



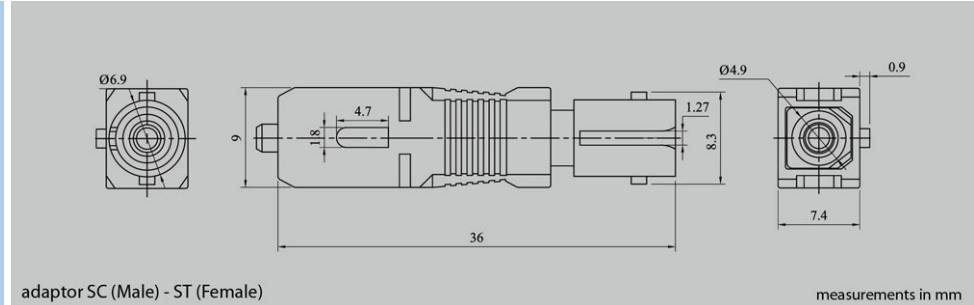
adaptor SC (Male) - SC (Female)

measurements in mm

Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal		MM	AM.SC/PC.50.SCB	EC02.820200.010
Metal	Ceramic	metal		SM	AM.SC/UPC.E9.SCZ	EC02.820100.011

Hybrid Adapter Male - Female Series

SC (Male) - ST (Female)

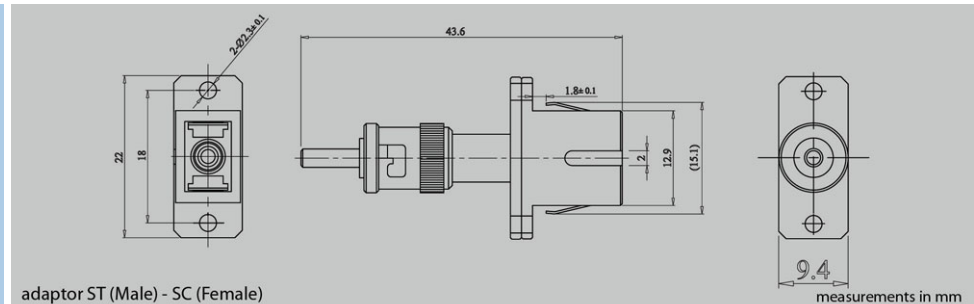
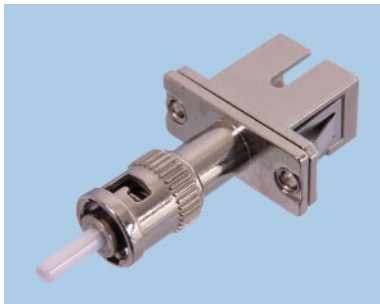


adaptor SC (Male) - ST (Female)

measurements in mm

Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Plastic/Metal	PhBz	beige	Clip/Screw	MM	AD.SC/PC.50.STB	EC02.830200.010
Plastic/Metal	Ceramic	blue	Clip/Screw	SM	AD.SC/UPC.E9.STZ	EC02.830100.011

ST (Male) - SC (Female)

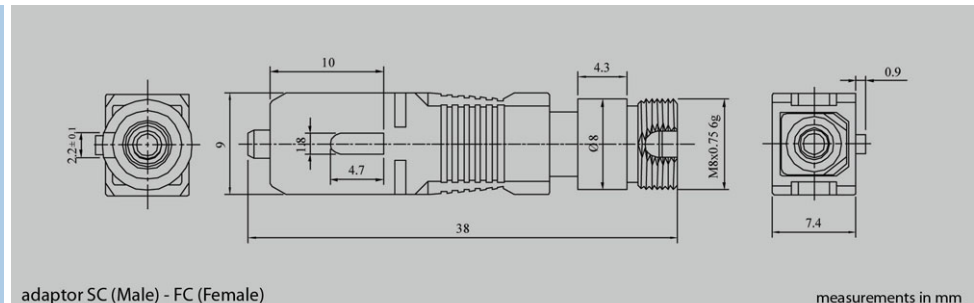


adaptor ST (Male) - SC (Female)

measurements in mm

Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal	Clip/Screw	MM	AD.ST/PC.50.SCB	EC02.840200.010
Metal	Ceramic	metal	Clip/Screw	SM	AD.ST/UPC.E9.SCZ	EC02.840100.011

SC (Male) - FC (Female)



adaptor SC (Male) - FC (Female)

measurements in mm

Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Plastic/Metal	PhBz	beige	Clip/Screw	MM	AD.SC/PC.50.FCB	EC02.850200.010
Plastic/Metal	Ceramic	blue	Clip/Screw	SM	AD.SC/UPC.E9.FCZ	EC02.850100.011

Hybrid Adapter Female - Male Series

Applications:

Telecommunication Networks
CATV
LAN & WAN
Data Networks
Broadband
FTTx

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) or Phosphor - Bronze sleeve for high precision alignment. All kind of adapters meet different demands for fibre optic applications according to international industry standards.

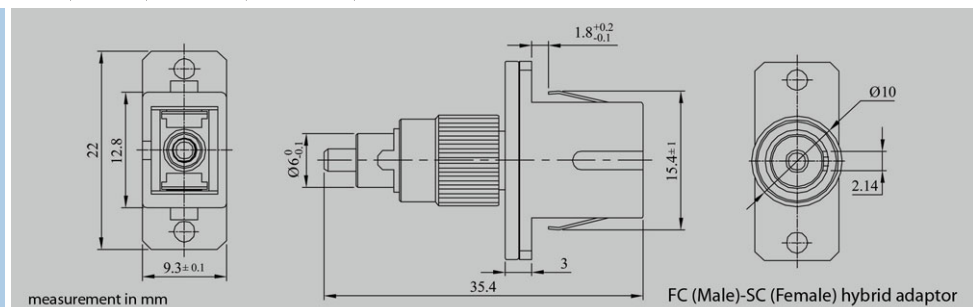
Specification

Item	Parameters
Insertion Loss I.L.	$\leq 0,3$ dB
Return Loss R.L.	SM>50dB, APC>60dB
Durability (1000 Mating)	0,2dB max Increase
Operating Temperature	-25 ... + 70°C

Features

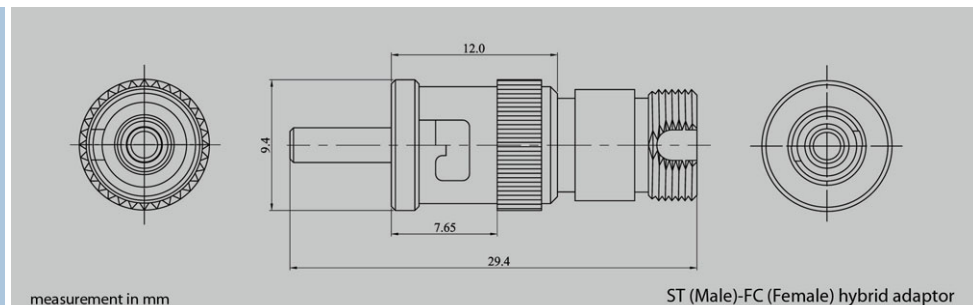
Female to male hybrid adapters
Saving costs

FC (Male) - SC (Female)



Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal	Screw	MM	AD.FC/PC50.SCB	EC02.860200.010
Metal	Ceramic	metal	Screw	SM	AD.FC/UPC.E9.SCZ	EC02.860100.011

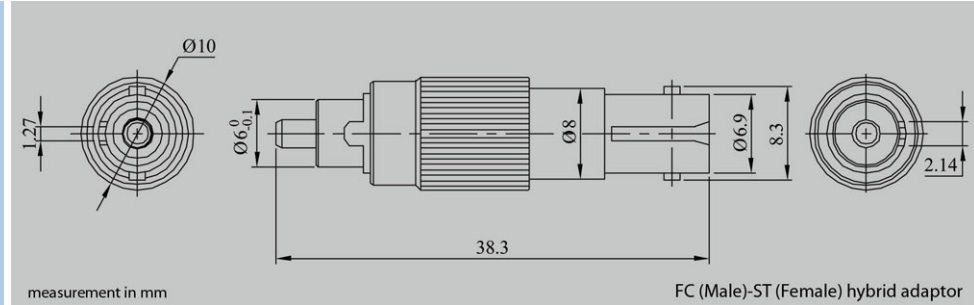
ST (Male) - FC (Female)



Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal		MM	AD.ST/PC50.SCB	EC02.860200.010
Metal	Ceramic	metal		SM	AD.ST/UPC.E9.SCZ	EC02.860100.011

Hybrid Adapter Female - Male Series

FC (Male) - ST (Female)



Housing	Alignmet sleeve	Housing color	Mounting	Appliance	Type	Article Nr.:
Metal	PhBz	metal	Clip/Screw	MM	AD.FC/PC.50.STB	EC02.880200.010
Metal	Ceramic	metal	Clip/Screw	SM	AD.FC/UPC.E9.STZ	EC02.880100.011

Screw mounting method/mounting screws

Description	Size	Max. wall thickness	Type	Article Nr.:
Philips head screw	M 2x8	1,5 mm	APHSN2x8	EC02.300090.001
Hexagonal nut	M2	1,5 mm	APHNM2	EC02.300090.003
Self tapping screw	M2,2x4,5 mm	1,5 mm	ASTS2,2x4,5	EC02.300090.002