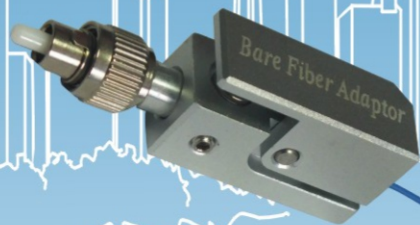


定制各种裸光纤适配器 Bare Fiber Adaptors



定制各种转换型光纤适配器 Fiber Optical Hybrid Adaptors



定制各种MPO&MTRJ适配器 MPO&MTRJ Adaptors



The Best Partner

光纤匹配膏

Matching Gel For Optical
Optical Gel n_D 1.46



产品目录 CONTENTS

P1 公母 (阴 阳) 型 转 接 适 配 器 Female to Male Hybrid Adaptors

- P2 LC母-FC公 LC(Female)-FC (Male)
- P2 LC母-SC公 LC(Female)-SC (Male)
- P3 LC母-ST公 LC(Female)-ST (Male)
- P3 ST母-SC公 ST(Female)-SC (Male)
- P4 ST母-FC公 ST(Female)-FC (Male)
- P4 ST母-LC公 ST(Female)-LC (Male)
- P5 FC母-SC公 FC(Female)-SC (Male)
- P5 FC母-LC公 FC(Female)-LC (Male)
- P6 FC母-ST公 FC(Female)-ST (Male)
- P6 SC母-LC公 SC(Female)-LC (Male)
- P7 SC母-FC公 SC(Female)-FC (Male)
- P7 SC母-ST公 SC(Female)-ST (Male)
- P8 FC母-LC公双芯 FC(Female)-LC (Male) DX
- P8 SC母-LC公双芯 SC(Female)-LC (Male) DX
- P8 ST母-LC公双芯 ST(Female)-LC (Male) DX
- P8 FC母-SC公双芯 FC(Female)-SC (Male) DX
- P8 ST母-SC公双芯 ST(Female)-SC (Male) DX
- P8 LC母-SC公双芯 LC(Female)-SC (Male) DX
- P8 ϕ 1.25母-FC公 (红光笔专用) ϕ 1.25(Female)-FC (Male)



P9 光 纤 适 配 器 Fiber Optic Adaptor Series

- P10 SC适配器 SC Adaptor
- P11 ST适配器 ST Adaptor
- P12 FC适配器 FC Adaptor
- P13 FC适配器 FC Adaptor
- P14 MU适配器 MU Adaptor
- P15 LC适配器 LC Adaptor
- P16 DIN适配器 DIN Adaptor
- P16 SMA适配器 SMA Adaptor
- P16 FDDI适配器 FDDI Adaptor
- P17 E2000适配器 E2000 Adaptor
- P18 带遮挡防尘盖适配器 Shutter Adaptor

P19 转 接 型 适 配 器 (直 筒 型) Hybrid Adaptor (Cylinder Sleeve)

- P20 FC-SC适配器 FC-SC Adaptor
- P21 FC-ST适配器 FC-ST Adaptor
- P22 SC-ST适配器 SC-ST Adaptor
- P30 DIN-SC适配器 DIN-SC Adaptor
- P30 DIN-FC适配器 DIN-FC Adaptor
- P30 DIN-ST适配器 DIN-ST Adaptor

P23 转 接 型 适 配 器 (大 转 小 套 筒 型) Hybrid Adaptor (Large to small ID sleeve)

- P24 LC-SC适配器 LC-SC Adaptor
- P25 LC-FC适配器 LC-FC Adaptor
- P26 LC-ST适配器 LC-ST Adaptor
- P27 LC-SC适配器 (新) LC-SC Adaptor (New)
- P28 LC-FC适配器 (新) LC-FC Adaptor (New)
- P29 LC-ST适配器 (新) LC-ST Adaptor (New)
- P30 LC-DIN适配器 LC-DIN Adaptor
- P30 SMA-SC适配器 SMA-SC Adaptor
- P30 SMA-FC适配器 SMA-FC Adaptor
- P30 SMA-ST适配器 SMA-ST Adaptor

- P31 测试专用光纤适配器(母-母型)Test Specific Fiber Adaptor
- P33 光仪表专用接口适配器Optical Meter Adaptor
- P35 光纤回路器Fiber Loopback
- P37 终止器Terminators
- P39 机械式可调光纤衰减器Mechanical-type Variable Attenuator
- P40 在线可调衰减器 In-Line Variable Attenuator
- P41 公转母型可调衰减器Female to Male Hybrid Variable Attenuator
- P43 公母型光纤衰减器Fixed Plug-in Attenuator
- P45 公母型转换光纤跳线 Female to Male Fiber Path cord
- P47 标准测试线Master Cord
- P48 模式转换跳线 Mode Conditioning Patchcord

P49 裸纤适配器Bare Fiber Adaptor

- P50 FC裸纤适配器 FC Bare Fiber Adaptor
- P51 SC裸纤适配器 SC Bare Fiber Adaptor
- P52 ST裸纤适配器 ST Bare Fiber Adaptor
- P53 LC裸纤适配器 LC Bare Fiber Adaptor
- P54 裸纤适配器操作说明 Operating Instructions

P55 MTRJ适配器 MTRJ Adaptor

P57 MPO/MTP 适配器 MPO/MTP Adaptor

- P58 SC型MPO适配器 SC Type
- P59 MPO 标准型适配器 Standard Adaptor

形相似！芯不同！

P61 光纤匹配膏MATCHING GEL FOR OPTICAL

P63 光纤匹配块Index Matching Block

P64 美国ODF™金刚石研磨纸 ODF™ Diamond Polishing Films

P65 日本NTT AT 抛光片ADS和ADS-NEXT Final Polishing Films

P66 工具 Tools

不忘初心，坚持品质至上！

不随波逐流，坚持独特与创新！



公母转接适配器 Female to Male Hybrid Adaptors

技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
插入损耗Insertion Loss	≤0.3dB	≤0.3dB
回波损耗Return Loss	PC≥45 dB UPC≥50 dB APC≥60 dB	--
一致性Repeatability	0.1dB Max.	
工作温度Temperature Range	-40℃~+75℃	
使用次数Operation Times	≥1000	

选购信息 Order Information

ADFM - (F) / - (M) / - - - -

A区 母头 B区 C区 公头 D区 E区 F区 G区

A区: FC B区: PC E区: SM-9/125 F区: SX(单芯无耳) G区: G(常规款)
 C区: SC D区: UPC OM1-62.5/125 DXF(单芯有耳) S(特殊款)
 LC APC OM2-50/125 DX(双芯无耳)
 ST OM3-50/125 DXF(双芯有耳)
 DIN

Example: ADFM-FC(F)/UPC-SC(M)/APC-SM-SX-G

公母型转接适配器，采用预埋光纤、插芯与套筒相配合适配技术，能将一种光纤连接头(公头)转换成另一种光纤连接器(公头)或将一种光纤连接器接口(母头)转换成另一种光纤连接器接口(母头)，让原本不同接入类型的光纤传输接口相互混合使用，为用户在两种或多种不同光纤传输接头连接时提供一种简单可靠的解决方案，用户可以根据需要选择9/125、50/125、62.5/125等多种纤芯模式和对应的波长环境使用。

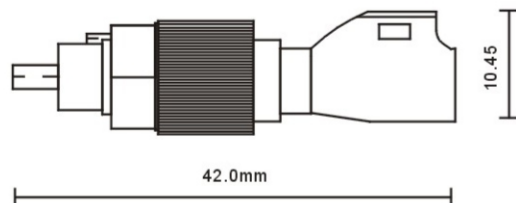
Female to male hybrid adapter, using embedded fiber, ferrule and sleeve precision connection technology, Converts a type of connector to another type of connector, Provides a simple and reliable solution for connecting two or more different optical fiber transmission joints, Users can choose 9/125, 50/125, 62.5/125 and other fiber types and the corresponding connector type.

特点 Features:

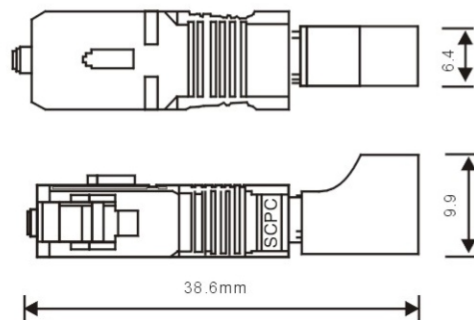
- 将一种连接头转换成另一种连接头
- 公母端符合对应类型的国际标准
- 可选9/125、62.5/125和50/125等预埋光纤类型
- 可解决UPC对APC两种不同形状端面对接方案
- 高稳定性、低插入损耗
- 机械尺寸精度高
- Converts a type of connector to another type of connector
- compliance with it's international standards
- Select 9/125, 62.5/125 and 50/125 fiber types as required
- Custom APC and UPC face connection
- High reliability, low insertion loss
- High precision of mechanical dimensions

公母转接适配器 Female to Male Hybrid Adaptors

LC母-FC公 LC(female)-FC(male)



LC母-SC公 LC(female)-SC(male)



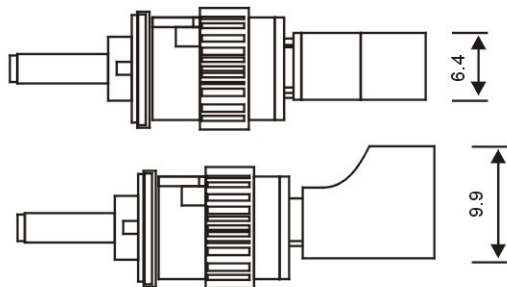
L49*W9.9*H10.5mm
W.T: 6.6g



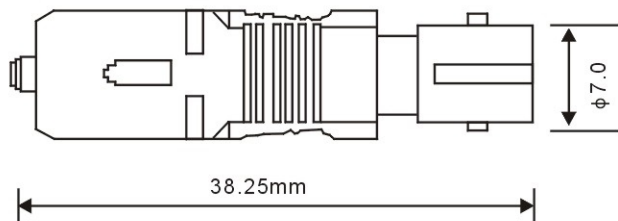
L47*W8.9*H9.9mm
W.T: 3.5g

公母转接适配器 Female to Male Hybrid Adaptors

LC母-ST公 LC(female)-ST(male)



ST母-SC公 ST(female)-SC(male)



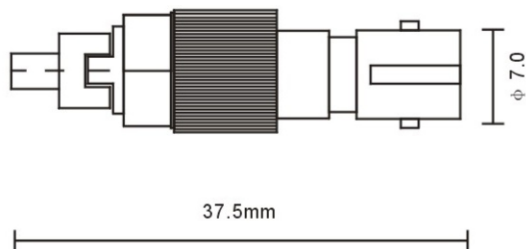
L51*W9.6*H11mm
W.T: 5.5g



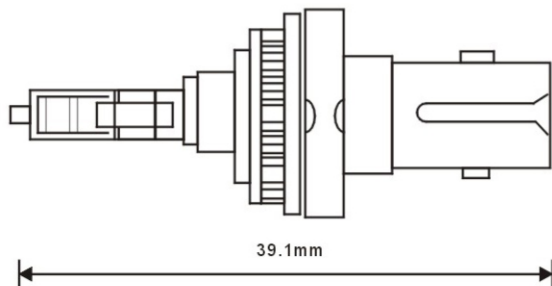
L46*W8.9*H8.2mm
W.T: 5.8g

公母转接适配器 Female to Male Hybrid Adaptors

ST母-FC公 ST(female)-FC(male)

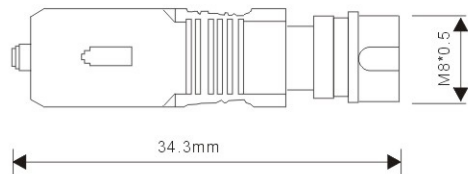


ST母-LC公 ST(female)-LC(male)

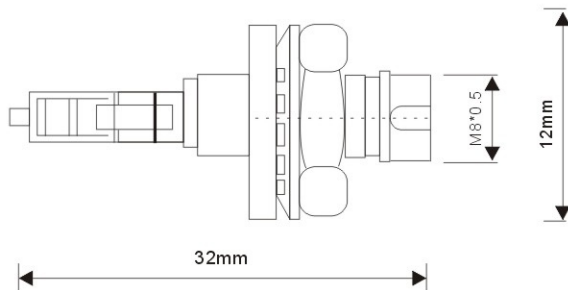


公母转接适配器 Female to Male Hybrid Adaptors

FC母-SC公 FC(female)-SC(male)



FC母-LC公 FC(female)-LC(male)



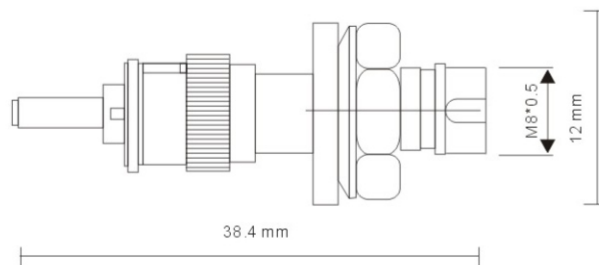
L40*W10*H10mm
W.T: 5.6g



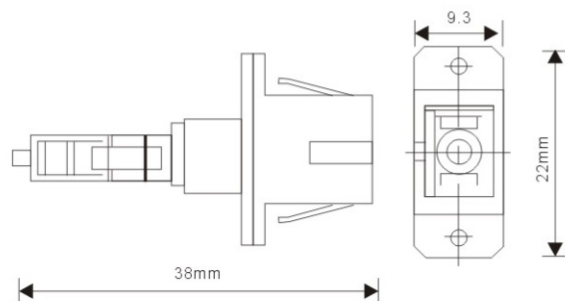
L37.5*W12.5*H11.5mm
W.T: 7g

公母转接适配器 Female to Male Hybrid Adaptors

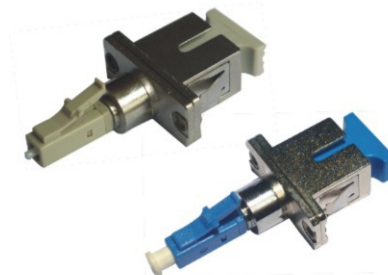
FC母-ST公 FC(female)-ST(male)



SC母-LC公 SC(female)-LC(male)



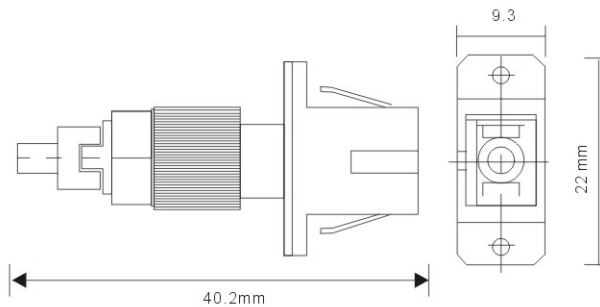
L45*W12*H12mm
W.T: 10g



L44.5*W22*H12mm
W.T: 9.5g

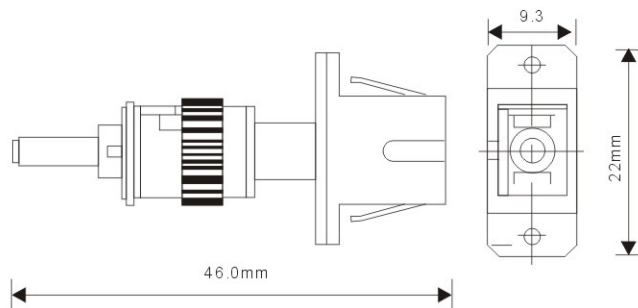
公母转接适配器 Female to Male Hybrid Adaptors

SC母-FC公 SC(female)-FC(male)



L47.5*W22*H9.9mm
W.T:13.5g

SC母-ST公 SC(female)-ST(male)



L52*W22*H9.9mm
W.T:13.5g

公母转接适配器 Female to Male Hybrid Adaptors



L66*W35*H9.5mm W.T:12.5g

FC母-LC公多模双芯
FC(female)-LC(male) MM DX



L46*W25*H10mm W.T:13.5g

ST母-SC公单模双芯
ST(female)-SC(male) SM DX



L40*W9.9*H10.5mm W.T:4g

LC/PC母-FC/APC公
LC/PC(female)-FC/APC(male)



L40*W9.9*H10.5mm W.T:4g

LC/PC母-FC/PC公
LC/PC(female)-FC/PC(male)



L67*W35*H9.5mm W.T:17g

SC母-LC公单模双芯
SC(female)-LC(male) SM DX



L41*W25*H10mm W.T:13g

FC母-SC公单模双芯
FC(female)-SC(male) SM DX



L46*W22*H11.5mm W.T:9g

ST母-LC公
ST(female)-LC(male)



L49*W22*H9.9mm W.T:12.5g

ST母-FC公
ST(female)-FC(male)



L66*W35*H9.5mm W.T:14g

ST母-LC公单模双芯
ST(female)-LC(male) SM DX



L47*W25*H10mm W.T:8.6g

LC母-SC公单模双芯
LC(female)-SC(male) SM DX



L47*W25*H10mm W.T:8.6g

LC母-SC公多模双芯
LC(female)-SC(male) MM DX



L33*W9.9*H9.9mm W.T:4.5g

1.25母-FC公
1.25(female)-FC(male)

光纤适配器(母-母型) Fiber Optical Adaptor Series(Female-Female)

技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
插入损耗Insertion Loss	≤0.2dB	≤0.2dB
回波损耗Return Loss	PC≥45 dB UPC≥50 dB APC≥60 dB	--
一致性Repeatability	0.1dB Max.	
工作温度Temperature Range	-40℃~+75℃	
使用次数Operation Times	≥1000	

选购信息 Order Information



Example: ADFF-FC-FC-DX-F-SM-MT-G

光纤适配器(母-母型)通常又叫法兰盘,采用套管精密连接二端光纤连接器,使光信号以足够小的插入损耗进行传输。光纤适配器系列主要有SC、LC、FC、ST、MU、D4、DIN、E2000、SMA等。

Fiber optical adapter uses a sleeve to precisely connect two side optical fiber connectors to allow optical signals to be transmitted at sufficiently low insertion loss. fiber optical adapter include: SC, LC, FC, ST, MU, D4, DIN, E2000, SMA and other series.

特点 Features:

- 采用套管精密连接
- 单模与多模连接头均可互换使用
- 低插入损耗, 高回波损耗
- 良好的互换性与可靠性
- 符合IEC及ROHS标准要求
- 机械尺寸精度高
- Precision connection with sleeve
- SM and MM connector can be used interchangeably
- Low insertion loss, High return loss
- High interchangeability, High reliability,
- Compliance with IEC and ROHS standards
- High precision of mechanical dimensions

SC&LC Sleeve
IL<0.2dB

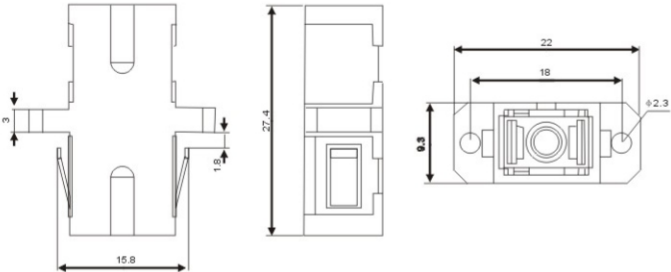


LC Sleeve

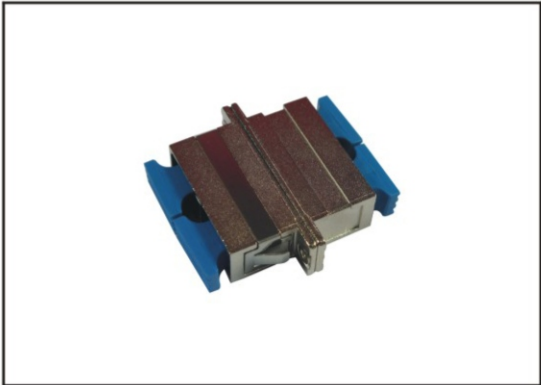
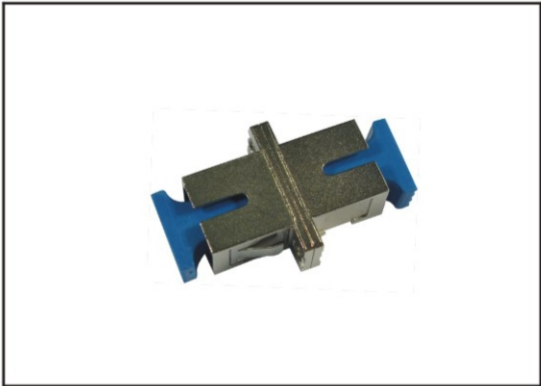
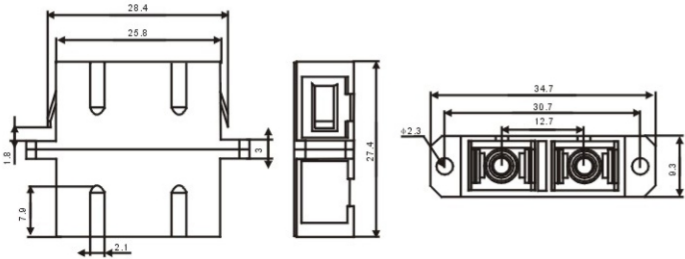


SC Sleeve

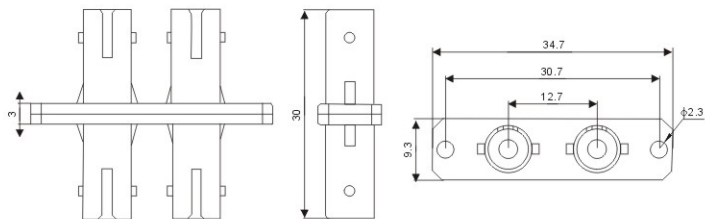
SC单芯适配器 SC Simplex Adaptor



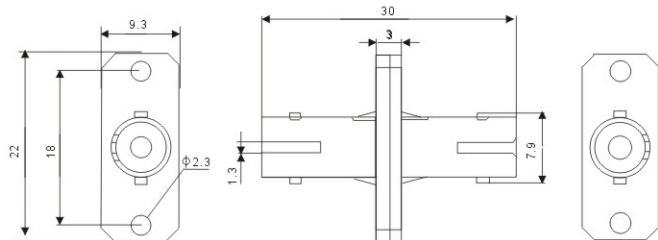
SC双芯适配器 SC Duplex Adaptor



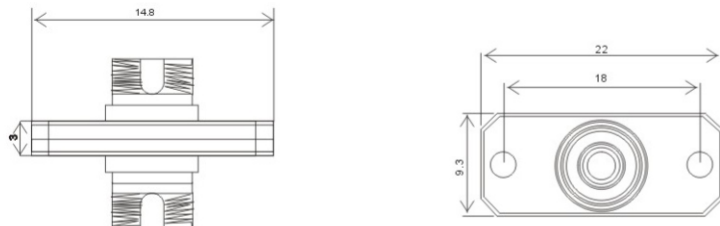
ST单芯适配器 ST Simplex Adaptor



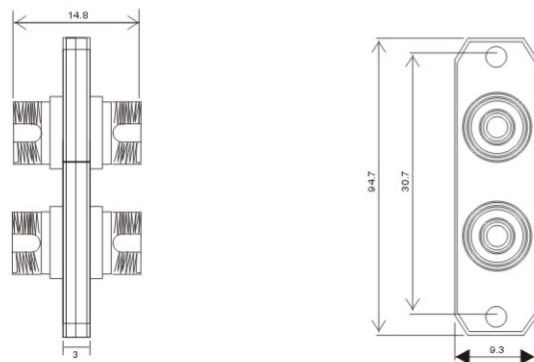
ST双芯适配器 ST Duplex Adaptor



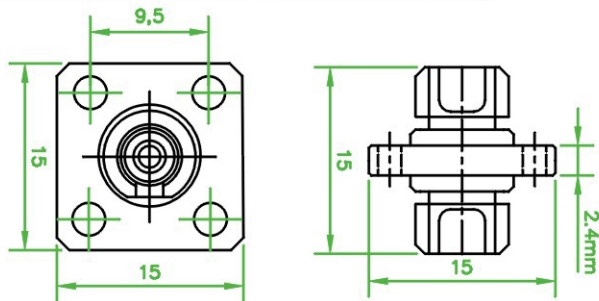
FC单芯适配器 FC Simplex Adaptor



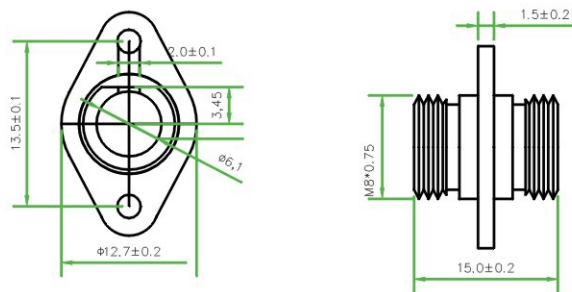
FC双芯适配器 FC Duplex Adaptor



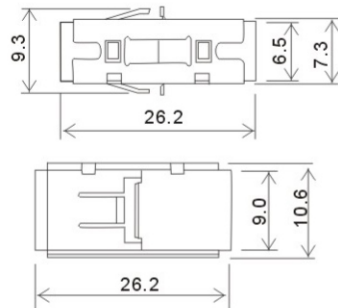
FC正方形适配器 FC Square Adaptor



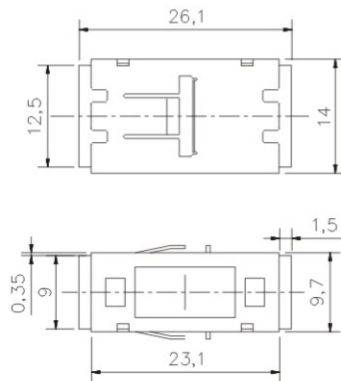
FC菱形适配器 FC Rhombus Adaptor



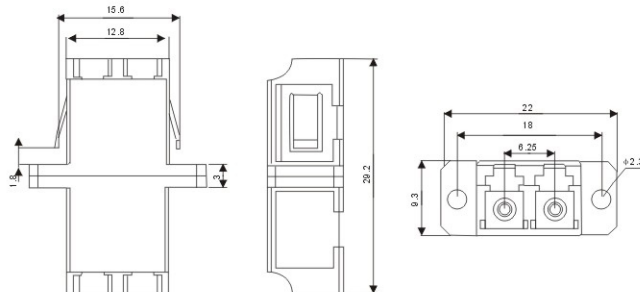
MU单芯适配器 MU Simplex Adaptor



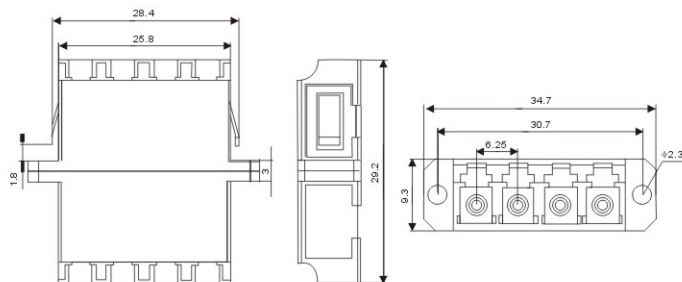
MU双芯适配器 MU Duplex Adaptor



LC双芯适配器 LC Duplex Adaptor



LC四芯适配器 LC 4C Adaptor



光纤适配器(母-母型) Fiber Optical Adaptor Series(Female-Female)



FC小矩形适配器
FC Rectangle Adaptor



FC D型适配器
FC D-Type Adaptor



FC分体型适配器
FC Two-Piece Adaptor



DIN适配器
DIN Adaptor



SMA适配器
SMA Adaptor



FDDI适配器
FDDI Adaptor

光纤适配器(母-母型) Fiber Optical Adaptor Series(Female-Female)



LC 单芯适配器
LC Simplex Adaptor



LC 双芯适配器
LC Duplex Adaptor



LC 双芯适配器
LC Duplex Adaptor



LC 四芯适配器
LC 4C Adaptor



SC 单芯适配器
SC Simplex Adaptor



SC 单芯短耳适配器
SC SX Short-Flange Adaptor



SC 单芯短耳适配器
SC SX Short-Flange Adaptor



SC 双芯适配器
SC Duplex Adaptor



SC 单芯适配器
SC Simplex Adaptor



E2000/APC 单芯适配器
E2000/APC Simplex Adaptor



E2000/PC 单芯适配器
E2000/PC Simplex Adaptor



MU 双芯适配器
MU Duplex Adaptor

光纤适配器(带遮挡防尘盖) Fiber Optical Adaptor With Shutter



SC/APC SX适配器
SC/APC SX Adaptor With Shutter



SC/APC SX适配器
SC/APC SX Adaptor With Shutter



SC/PC SX适配器
SC/PC SX Adaptor With Shutter



LC/APC DX适配器
LC/APC DX Adaptor With Shutter



SC/PC DX适配器
SC/PC DX Adaptor With Shutter



SC/PC SX适配器
SC/PC SX Adaptor With Shutter



SC-FC SX适配器
SC-FC SX Adaptor With Shutter



LC/PC DX适配器
LC/PC DX Adaptor With Shutter



SC/APC SX适配器
SC/APC SX Adaptor With Shutter



SC/PC SX适配器
SC/PC SX Adaptor With Shutter



SC/APC SX适配器
SC/APC SX Adaptor With Shutter



SC/PC SX适配器
SC/PC SX Adaptor With Shutter

转接型适配器(直通套筒)Hybrid Adaptor(Cylinder Sleeve)

技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
插入损耗Insertion Loss	≤0.2dB	≤0.2dB
回波损耗Return Loss	PC≥45 dB UPC≥50 dB APC≥60 dB	--
一致性Repeatability	0.1dB Max.	
工作温度Temperature Range	-40℃~+75℃	
使用次数Operation Times	≥1000	

选购信息 Order Information



Example: HYADFF-FC-SC-DX-F-SM-MT-G

与普通适配器不同，主要用于连接二端不同类型且插芯外径大小相同的光纤连接器，此种转接适配器采用直筒型套筒对接，性能较为稳定。产品包括：SC-FC、SC-ST、FC-ST、DIN-FC、DIN-SC、DIN-ST、MU-LC、E2000-FC、E2000-ST等

Different from ordinary adapter, it is mainly used to connect two ends of different types and the core diameter of the same size of the optical fiber connector, so this adapter adopts straight cylinder sleeve connection, stable performance. Hybrid Adapter (Cylinder Sleeve) include: SC-FC、SC-ST、FC-ST、DIN-FC、DIN-SC、DIN-ST、MU-LC、E2000-FC、E2000-ST etc.

特点 Features:

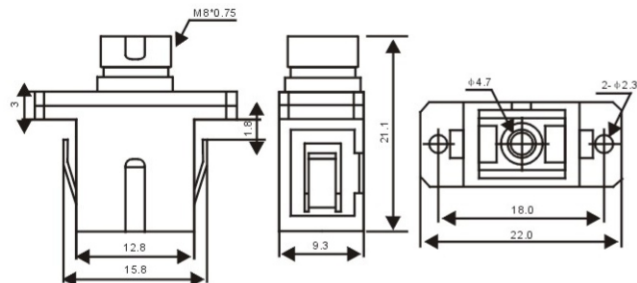
- 采用套管精密连接
- 单模与多模连接头均可互换使用
- 低插入损耗，高回波损耗
- 良好的互换性与可靠性
- 符合IEC及ROHS标准要求
- 机械尺寸精度高
- Precision connection with sleeve
- SM and MM connector can be used interchangeably
- Low insertion loss, High return loss
- High interchangeability, High reliability,
- Compliance with IEC and ROHS standards
- High precision of mechanical dimensions

SC&LC Sleeve
IL<0.2dB

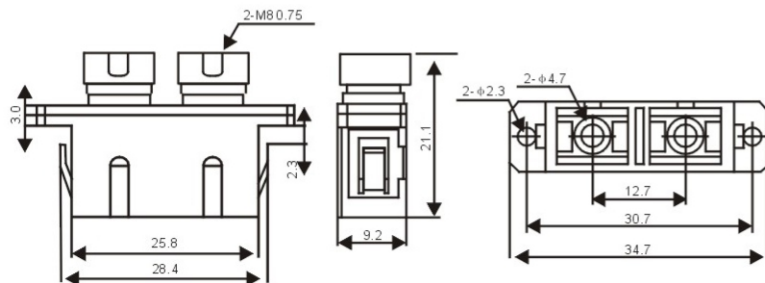


转接型适配器(直通套筒)Hybrid Adaptor(Cylinder Sleeve)

FC-SC单芯适配器 FC-SC SX Adaptor

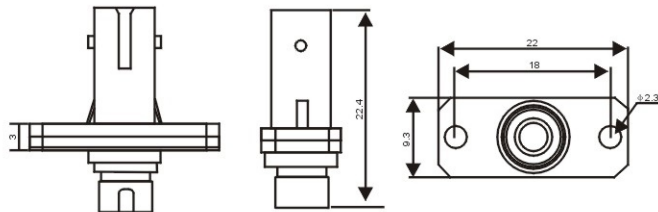


FC-SC双芯适配器 FC-SC DX Adaptor

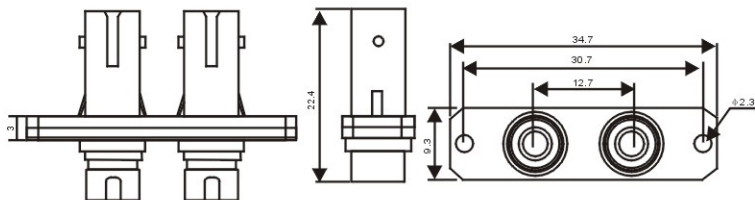


转接型适配器(直通套筒)Hybrid Adaptor(Cylinder Sleeve)

FC-ST单芯适配器 FC-ST SX Adaptor

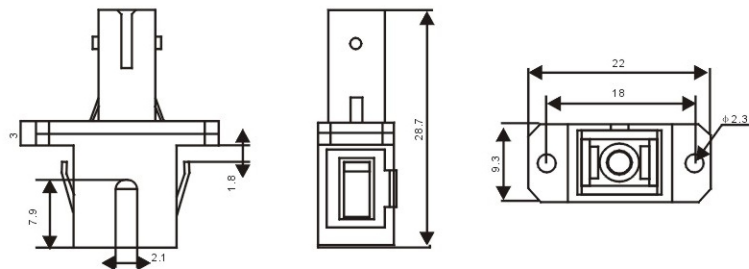


FC-ST双芯适配器 FC-ST DX Adaptor

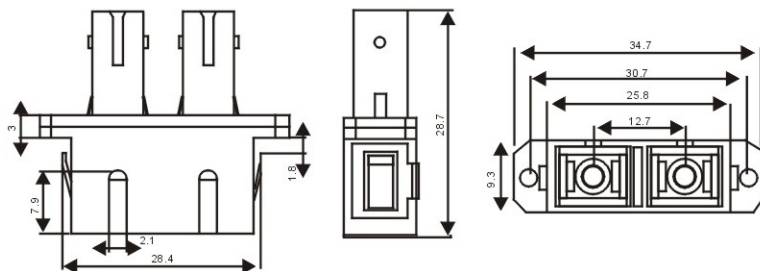


转接型适配器(直通套筒)Hybrid Adaptor(Cylinder Sleeve)

SC-ST单芯适配器 SC-ST SX Adaptor



SC-ST双芯适配器 SC-ST DX Adaptor



转接型适配器(大小转接套筒)Hybrid Adaptor(Large to small ID sleeve)

技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
插入损耗Insertion Loss	≤0.3dB	≤0.3dB
回波损耗Return Loss	PC≥45 dB UPC≥50 dB APC≥60 dB	--
一致性Repeatability	0.2dB Max.	
工作温度Temperature Range	-40℃~+75℃	
使用次数Operation Times	≥1000	

选购信息 Order Information

HYADFF -  -  -  -  -  -  - 						
A区	B区	C区	D区	E区	F区	G区
A区: FC B区: SC LC ST DIN	C区: SX(单芯) DX(双芯) 4C(4芯) 8C(8芯) 12C(12芯) 24C(24芯)	D区: F(有耳) S(短耳或无耳)	E区: SM APC MM OM3 OM4	F区: PS(塑胶) MT(金属) MP(半金属)	G区: G(常规款) S(特殊款)	

Example: HYADFF-LC-SC-DX-F-SM-MT-G

与普通适配器不同，主要用于连接二端不同类型且插芯外径大小不同的光纤连接器，此种转接适配器采用大直径转小直径套筒对接。大小转接套筒转接型适配器系列主要有：LC-FC、LC-SC、LC-ST、LC-DIN、MU-SC、MU-FC等

Different from the standard optical fiber adapter, the utility model is mainly used for connecting two ends with different types and different inserting core diameters. Hybrid Adapter (Large to small diameter sleeve) include: LC-FC, LC-SC, LC-ST, LC-DIN, MU-SC, MU-FC etc.

特点 Features:

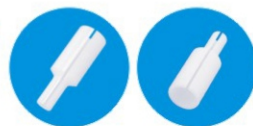
- 采用套管精密连接
- 单模与多模连接头均可互换使用
- 低插入损耗，高回波损耗
- 良好的互换性与可靠性
- 符合IEC及ROHS标准要求
- 机械尺寸精度高
- Precision connection with sleeve
- SM and MM connector can be used interchangeably
- Low insertion loss, High return loss
- High interchangeability, High reliability
- Compliance with IEC and ROHS standards
- High precision of mechanical dimensions

SC-LC Hybrid Sleeve

IL<0.3dB

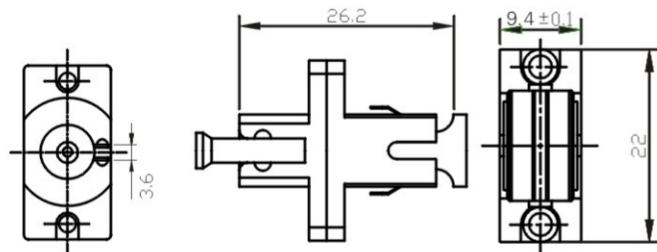
ID: 2.499/1.249mm

L=9.2mm

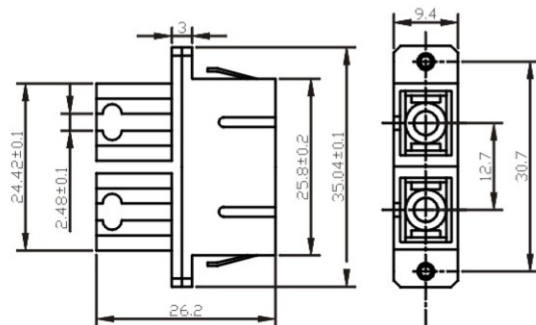


转接型适配器(大小转接套筒)Hybrid Adaptor(Large to small ID sleeve)

LC-SC单芯适配器 LC-SC SX Adaptor



LC-SC双芯适配器 LC-SC DX Adaptor



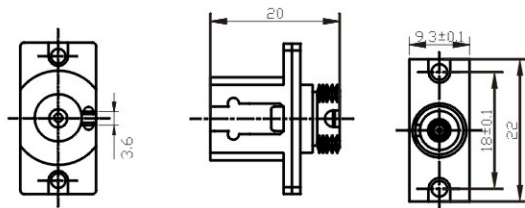
W.T:14g



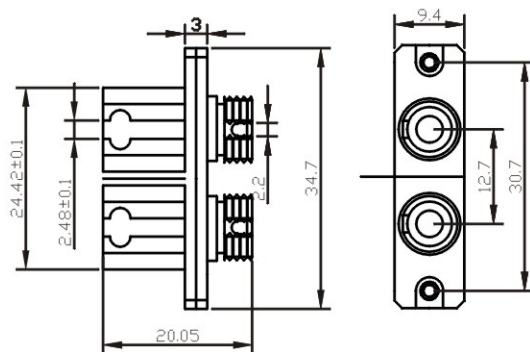
W.T:26g

转接型适配器(大小转接套筒)Hybrid Adaptor(Large to small ID sleeve)

LC-FC单芯适配器 LC-FC SX Adaptor



LC-FC双芯适配器 LC-FC DX Adaptor



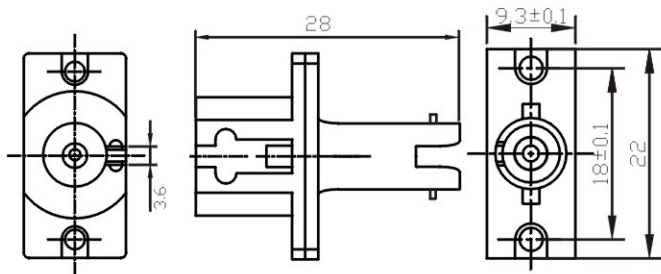
W.T:12g



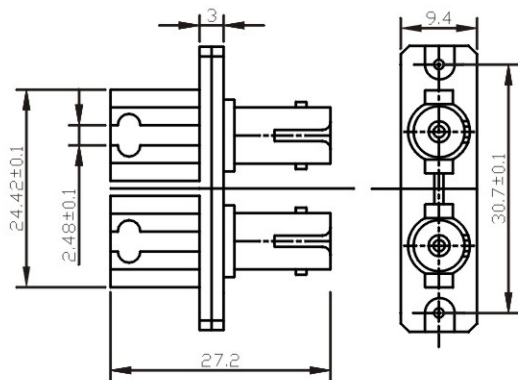
W.T:22g

转接型适配器(大小转接套筒)Hybrid Adaptor(Large to small ID sleeve)

LC-ST单芯适配器 LC-ST SX Adaptor



LC-ST双芯适配器 LC-ST DX Adaptor



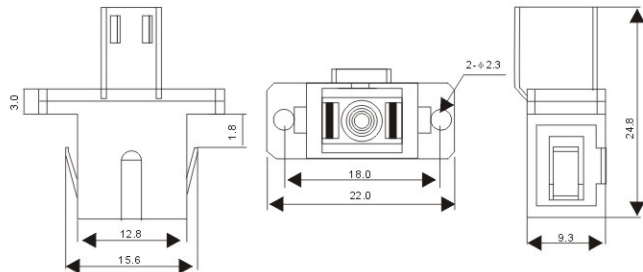
W.T:13g



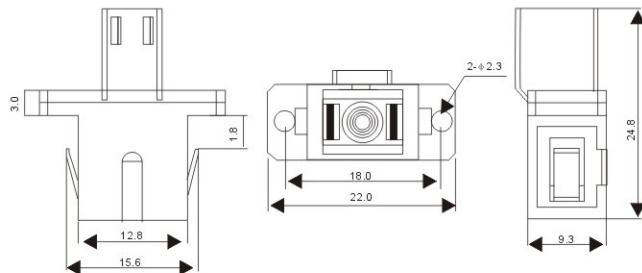
W.T:25g

转接型适配器(大小转接套筒)Hybrid Adaptor(Large to small ID sleeve)

LC-SC单芯适配器 LC-SC SX Adaptor



LC-SC单芯适配器 LC-SC SX Adaptor



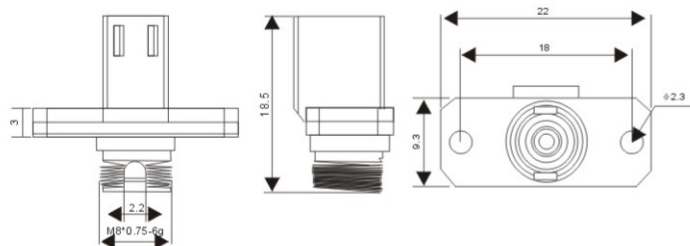
W.T:9.2g



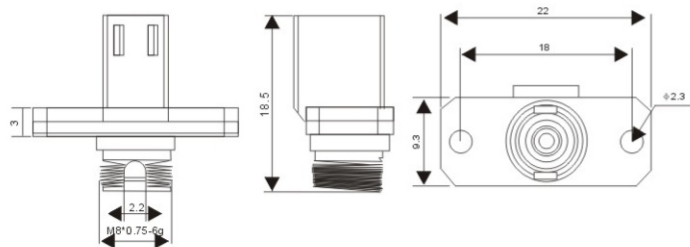
W.T:3.0g

转接型适配器(大小转接套筒)Hybrid Adaptor(Large to small ID sleeve)

LC-FC单芯适配器 LC-FC SX Adaptor



LC-FC单芯适配器 LC-FC SX Adaptor



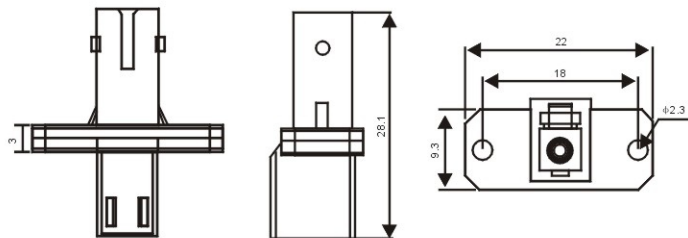
W.T:7.5g



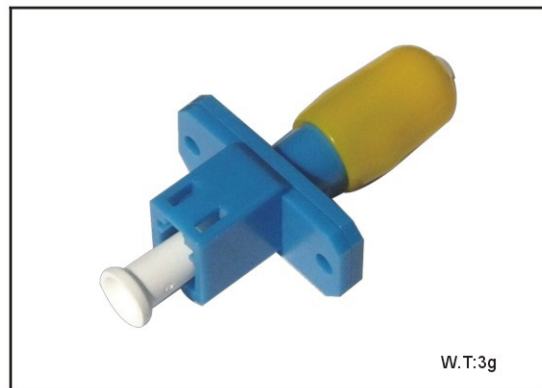
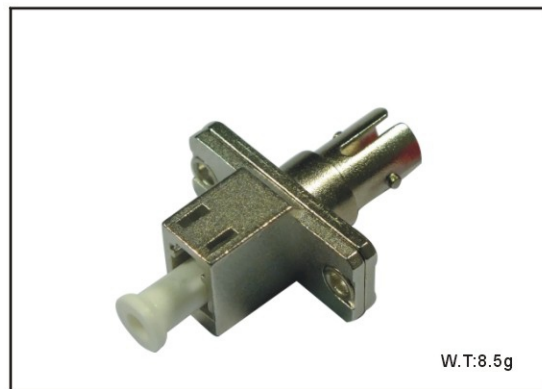
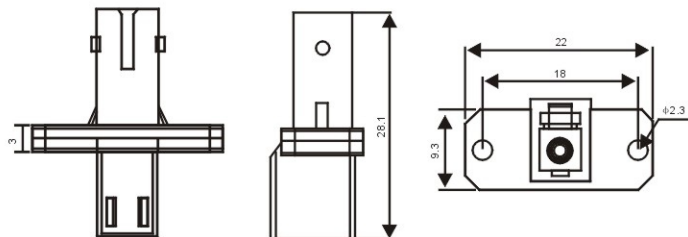
W.T:2.5g

转接型适配器(大小转接套筒)Hybrid Adaptor(Large to small ID sleeve)

LC-ST单芯适配器 LC-ST SX Adaptor



LC-ST单芯适配器 LC-ST SX Adaptor



转接型适配器Hybrid Adaptor



FC-SMA转接适配器
FC-SMA Hybrid Adaptor



SC-SMA转接适配器
SC-SMA Hybrid Adaptor



ST-SMA转接适配器
ST-SMA Hybrid Adaptor



ST-SMA转接适配器
ST-SMA Hybrid Adaptor



FC-DIN转接适配器
FC-DIN Hybrid Adaptor



SC-DIN转接适配器
SC-DIN Hybrid Adaptor



ST-DIN转接适配器
ST-DIN Hybrid Adaptor



FC-SMA转接适配器
FC-SMA Hybrid Adaptor



DIN-LC转接适配器
DIN-LC Hybrid Adaptor



DIN-LC转接适配器
DIN-LC Hybrid Adaptor



FC-DIN转接适配器
FC-DIN Hybrid Adaptor



FC-DIN转接适配器
FC-DIN Hybrid Adaptor

测试专用光纤适配器(母-母型)Test Specific Fiber Adaptor

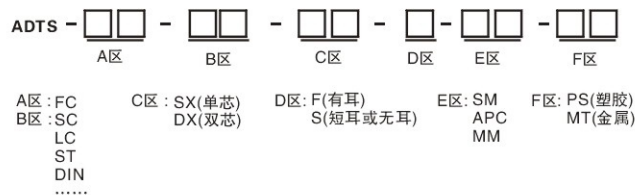
技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
插入损耗Insertion Loss	≤0.1dB	≤0.1dB
回波损耗Return Loss	PC≥45 dB UPC≥50 dB APC≥60 dB	--
一致性Repeatability	0.05dB Max.	
工作温度Temperature Range	-40℃~+75℃	
使用次数Operation Times	≥1000	

专业订做各类测试用光纤适配器!

形相似 芯不同!

选购信息 Order Information



Example: ADTS-FC-SC-SX-F-SM-MT

用于测试的光纤适配器, 采用更高品质、更高精度的陶瓷套管, 确保器件在应用中能保持稳定的较低插入损耗、较高回波损耗与更长寿命的使用次数。

Fiber optic adapter for testing, using higher quality and higher accuracy of sleeve, to ensure that fiber optic connector in use has a stable low insertion loss, high return loss and longer service life.

特点 Features:

- 采用更高更稳定的套管精密连接
- 单模与多模连接头均可互换使用
- 保持更稳定低插入损耗
- 良好的互换性与可靠性
- 符合IEC及ROHS标准要求
- 机械尺寸精度高
- Precision connection with higher accuracy sleeve
- SM and MM connector can be used interchangeably
- Stable low insertion loss
- High interchangeability, High reliability,
- Compliance with IEC and ROHS standards
- High precision of mechanical dimensions

测试专用光纤适配器(母-母型)Test Specific Fiber Adaptor



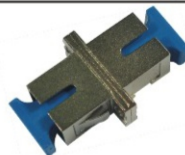
FC精工适配器
FC Seikoh Giken Adaptor



FC测试用适配器
FC Adaptor For Testing



SC测试用适配器
SC Adaptor For Testing



SC测试用适配器
SC Adaptor For Testing



SC精工适配器
SC Seikoh Giken Adaptor



FC-SC测试用适配器
FC-SC Adaptor For Testing



FC-ST测试用适配器
FC-ST Adaptor For Testing



SC-ST测试用适配器
SC-ST Adaptor For Testing



LC精工适配器
LC Seikoh Giken Adaptor



FC测试用适配器
FC Adaptor For Testing



ST测试用适配器
ST Adaptor For Testing



MU测试用适配器
MU Adaptor For Testing

光仪表专用接口适配器Optical Meter Adaptor

技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
插入损耗Insertion Loss	≤0.2dB	≤0.2dB
回波损耗Return Loss	PC≥45 dB UPC≥50 dB APC≥60 dB	--
一致性Repeatability	0.1dB Max.	
工作温度Temperature Range	-40℃~+75℃	
使用次数Operation Times	≥1000	

选购信息 Order Information



Example: ADPT-FC-1



φ 2.5 Meter Adaptor

光仪表接口适配器（母-母型），采用精工级高品质、高精度、长寿命的陶瓷套管，确保器件在应用中能保持良好的插入损耗和回波损耗与更长寿命的使用次数。

Optical meter adapter, with high quality body fittings and replaceable high precision sleeve, to ensure that optical fiber connector in use has low insertion loss and high return loss and more operation quantity.

特点 Features:

- 机械尺寸精度高
- 低插入损耗，高回波损耗
- 更换套筒保证仪表更长使用寿命
- 稳定、可靠、重复性好
- 符合IEC与ROHS标准
- 使用简单方便
- High precision of mechanical dimensions
- Low insertion loss, High return loss
- Replace the sleeve for longer use times
- Stable, reliable and repeatable
- Compliance with IEC and ROHS standards
- Easy to use

光仪表专用接口适配器Optical Meter Adaptor



SC仪表适配器
SC Meter Adaptor



FC仪表适配器
FC Meter Adaptor



ST仪表适配器
ST Meter Adaptor



SC仪表适配器
SC Meter Adaptor



FC仪表适配器
FC Meter Adaptor



ST仪表适配器
ST Meter Adaptor

光纤回路器Fiber Loopback

技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
插入损耗Insertion Loss	≤0.3dB	≤0.3dB
回波损耗Return Loss	PC≥45 dB UPC≥50 dB APC≥60 dB	--
一致性Repeatability	0.2dB Max.	
工作温度Temperature Range	-40℃~+75℃	
使用次数Operation Times	≥1000	

选购信息 Order Information



A区: SC
LC
MTRJ
MPO
.....

B区: PC
UPC
APC

C区: SM-9/125
OM1-62.5/125
OM2-50/125

D区: 1: 盒子封装型
2: 线径0.9mm
3: 线径2.0mm

Example: LPK-SC-PC-SM-1

光纤环路器用于测试系统或网络系统中的信号回传，通过回传信号可以检测网络链路中各种潜在的异常，这种检测被普遍使用，为保证网络链路的正常提供一种有效的检测方式。我们可以提供各种形式的回路器，包括SC、LC、MT-RJ、MPO等型号，可以提供裸纤、0.9mm光缆、2.0mm光缆等各种规格，还可以根据客户的要求定制生产。

Loopback for signal transmission test system or network system, various kinds of abnormal detection of network link through the potential return signal, This kind of detection is widely used to provide an effective detection method to ensure the normal network link. We can provide various forms of circuit, including SC, LC, MT-RJ, MPO, etc.

特点 Features:

- 低插入损耗，高回波损耗
- 良好的互换性与可靠性
- 符合IEC及ROHS标准要求
- 机械尺寸精度高
- 产品可根据客户要求定制

- Low insertion loss, High return loss
- High interchangeability, High reliability
- Compliance with IEC and ROHS standards
- High precision of mechanical dimensions
- Tailor-made according to customer requirement

光纤回路器Fiber Loopback



LC回路器
LC Fiber Loopback



SC回路器
SC Fiber Loopback



SC回路器
SC Fiber Loopback



MTRJ回路器
MTRJ Fiber Loopback



MPO回路器
MPO Fiber Loopback



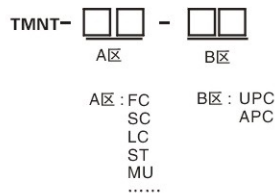
MTP回路器
MTP Fiber Loopback

终止器Terminators

技术数据 Parameter

项目ITEM	技术数据PARAMETER	
	UPC	APC
回波损耗Return Loss	≥50 dB	≥60 dB
最大功率 Maximun Power	500mw	
一致性Repeatability	0.1dB Max.	
工作温度Temperature Range	-40℃~+75℃	
使用次数Opertation Times	1000	

选购信息 Order Information



Example: TMNT-FC-UPC

光纤终止器是一种吸收光功率，消除因为光信号反射对链路造成干扰的无源器件。这种器件应用在密集波分复用器（DWDM）和掺铒光纤放大器（EDFA）等光纤传输链路的开放端口上，能有效在2CM的传输距离中完全吸收光功率，光纤终止器能有效消除不必要的光信号反射，以保障高功率传输链路的稳定性。

Optical fiber terminator is a passive device which absorbs optical power to eliminate interference caused by optical signal reflection to link. This device is used in dense wavelength division multiplexing (DWDM) and erbium doped fiber amplifier (EDFA) optical fiber transmission link open port, can be effective in the transmission distance of 2CM absorbed optical power, optical fiber finalizers can effectively eliminate the optical signal reflection is not necessary, in order to ensure the stability of high power transmission link.

特点 Features:

- 采用高衰减值金属离子掺铒衰减光纤
- 长时间承受高功率光信号传输
- 适用于1260~1640nm全带宽
- 稳定、可靠、重复性好
- 低热性
- Using optimized ion doped fiber technology
- Long time withstand high power optical signal transmission
- Operation Wavelength: 1260~1640nm
- Stable, reliable and repeatable
- Low calorific value

终止器Terminators



LC终止器
LC Terminator



FC终止器
FC Terminator



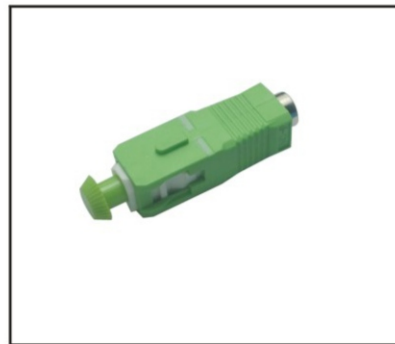
SC/UPC终止器
SC/UPC Terminator



MU终止器
MU Terminator



ST终止器
ST Terminator



SC/APC终止器
SC/APC Terminator

机械式可调光纤衰减器Mechanical-type Variable Attenuator

技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
工作波长Operating Wavelength	1310 & 1550 nm	850 & 1300 nm
衰减值Attenuation Value	FC SC ST(0~ 30dB) & LC(0~ 15dB)	
连接头Connector Type	SC, FC, ST, LC	
	PC or APC	PC
工作温度Temperature Range	-40℃~+75℃	

≥1000

选购信息 Order Information

VOAFF -  /  -  / 

A区 B区 C区 D区

A区: FC
B区: UPC
C区: SC
D区: APC
LC
ST
DIN
.....

Example: VOAFF-FC/UPC-FC/UPC

光在光纤中传输受到全反射定律的制约，无法散射出来，保持一定强度的相对稳定。而一旦其脱离光纤，在光纤与光纤之间加入空气间隔，光就会散射出去，从而引起光的衰减。运用这个原理制作的可调光纤衰减器，过机械装置旋转调节两端连接器间的距离，可使光衰减值控制在0~30dB之间。

The optical transmission is restricted by total reflection law in optical fiber. Light can not be scattered out to maintain a relatively stable intensity. If it is out of the optical fiber, the light will be scattered between the optical fiber and the optical fiber, and the light will scatter, causing the attenuation of light. The Mechanical-type Variable Optical Attenuator based on this principle. The rotating distance of the two ends of the connector can be adjusted by the mechanical device, and the light attenuation value can be controlled between 0~30dB.

特点 Features:

- 适配器结构，方便连接
- 更换套筒保证更长使用寿命
- 稳定、可靠、重复性好
- 符合IEC与ROHS标准
- 机械尺寸精度高
- Adapter structure, easy connection
- Replace the sleeve for longer use times
- Stable, reliable and reproducible
- Compliance with IEC and ROHS standards
- High precision of mechanical dimensions

机械式可调光纤衰减器Mechanical-type Variable Attenuator



范围:0~30dB

FC可调衰减器
FC Variable Attenuator



范围:0~30dB

SC可调衰减器
SC Variable Attenuator



范围:0~30dB

ST可调衰减器
ST Variable Attenuator



范围:0~15dB

LC可调衰减器
LC Variable Attenuator



范围:0~30dB

FC可调衰减器
FC Variable Attenuator



范围:0~15dB

LC-FC可调衰减器
LC-FC Variable Attenuator



范围:0~15dB

LC-ST可调衰减器
LC-ST Variable Attenuator



范围:0~15dB

LC-SC可调衰减器
LC-SC Variable Attenuator



范围:0~30dB

FC-ST可调衰减器
FC-ST Variable Attenuator



范围:0~30dB

FC-SC可调衰减器
FC-SC Variable Attenuator



范围:0~30dB

SC-ST可调衰减器
SC-ST Variable Attenuator



范围:0~60dB

在线可调衰减器
In-Line Variable Attenuator

公转母型可调衰减器Female to Male Hybrid Variable Attenuator

技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
工作波长Operating Wavelength	1310 & 1550 nm	850 & 1300 nm
衰减值Attenuation Value	FC SC ST(0~ 30dB) & LC(0~ 15dB)	
连接头Connector Type	SC, FC, ST, LC	
	PC or APC	PC
工作温度Temperature Range	-40℃~+75℃	

≥1000

选购信息 Order Information

VOAFM -  (F) /  -  (M) /  - 

A区 母头 B区 C区 公头 D区 E区

A区: FC
C区: SC
LC
ST
DIN
.....

B区: UPC
D区: APC

E区: SM-9/125
OM1-62.5/125
OM2-50/125
OM3-50/125
.....

Example: VOAFM-FC(F)/UPC-FC(M)/UPC-SM

公母型可调光纤衰减器是由一个机械式可调光纤衰减器与一个插头型适配器组合成，过机械装置旋转调节可使光衰减值控制在0~30dB之间。

The female to male variable attenuator is composed of a mechanical optical variable attenuator and a fix plug-in Adapter. The optical attenuation value can be controlled between 0~30dB by rotating the mechanical device.

特点 Features:

- 适配器结构，方便连接
- 更换套筒保证更长使用寿命
- 稳定、可靠、重复性好
- 符合IEC与ROHS标准
- 机械尺寸精度高
- 可选9/125、62.5/125和50/125等预埋光纤类型
- Adapter structure, easy connection
- Replace the sleeve for longer use times
- Stable, reliable and reproducible
- Compliance with IEC and ROHS standards
- High precision of mechanical dimensions
- Select 9/125, 62.5/125 and 50/125 fiber types as required

公转母型可调衰减器Female to Male Hybrid Variable Attenuator



范围:0~30dB

FC公-FC母可调衰减器
FC(M)-FC(F) Variable Attenuator



范围:0~30dB

FC公-SC母可调衰减器
FC(M)-SC(F) Variable Attenuator



范围:0~15dB

FC公-LC母可调衰减器
FC(M)-LC(F) Variable Attenuator



范围:0~30dB

LC公-FC母可调衰减器
LC(M)-FC(F) Variable Attenuator



范围:0~30dB

LC公-SC母可调衰减器
LC(M)-SC(F) Variable Attenuator



范围:0~15dB

LC公-LC母可调衰减器
LC(M)-LC(F) Variable Attenuator



范围:0~30dB

ST公-FC母可调衰减器
ST(M)-FC(F) Variable Attenuator



范围:0~30dB

ST公-SC母可调衰减器
ST(M)-SC(F) Variable Attenuator



范围:0~15dB

ST公-LC母可调衰减器
ST(M)-LC(F) Variable Attenuator

公母型光纤衰减器Fixed Plug-in Attenuator

技术数据 Parameter

项目ITEM		单模(SM-9/125)	多模(MM-50/125)
			多模(MM-62.5/125)
工作波长Operating Wavelength		1310 & 1550 nm	850 & 1300 nm
衰减值Attenuation Value		0~20dB(1 step)	
连接头Connector Type		SC, FC, ST, LC, MU	
		PC or APC	PC
衰减精度 Tolerance	0~9dB	$\pm 0.5\text{dB}$	
	10~20dB	$\pm 10\%$	
回波损耗Return Loss		PC $\geq 45\text{ dB}$ UPC $\geq 50\text{ dB}$ APC $\geq 60\text{ dB}$	--
工作温度Temperature Range		-40°C~+75°C	

选购信息 Order Information

ATFM - (F) / - (M) / - -

A区 母头 B区 C区 公头 D区 E区 F区

A区: FC B区: PC E区: SM-9/125 F区: 01:01dB
 C区: SC D区: UPC OM1-62.5/125 02:02dB
 LC APC OM2-50/125 03:03dB
 MU
 20: 20dB

Example: ATFM-FC(F)/APC-FC(M)/UPC-SM-05

公母型光纤衰减器是一种在不显著改变传输波长情况下，用来减少光信号强度的无源器件。这种器件应用在高强度光功率的密集波分复用器（DWDM）和掺铒光纤放大器（EDFA）等传输链路中，因为接发器不能接收过高的光功率而需要进行衰减使用。

The Fixed Plug-in Attenuator is a passive device used to reduce the amplitude of a light signal without significantly changing the wave form itself. This is often a requirement in Dense Wave Division Multiplexing (DWDM) and Erbium Doped Fiber Amplifier (EDFA) applications where the receiver cannot accept the signal generated from a high-power light source.

特点 Features:

- 符合Bellcore (GR-910-Core) 标准
- 采用薄层模压缩衰减光纤，具有良好的光学性能
- 插头结构，易于安装
- 误差小，回波损耗高
- In accordance with Bellcore (GR-910-Core) standard
- Adopting high attenuation fiber with the cladding mode suppression design, featuring the excellent optic performance
- Easy connection with plug-in type structure
- Attenuation precise and high return loss

公母型光纤衰减器Fixed Plug-in Attenuator



SC阴阳型衰减器
SC Plug Type Attenuator



FC阴阳型衰减器
FC Plug Type Attenuator



ST阴阳型衰减器
ST Plug Type Attenuator



LC/UPC阴阳型衰减器
LC/UPC Plug Type Attenuator



LC/APC阴阳型衰减器
LC/APC Plug Type Attenuator



Mu阴阳型衰减器
MU Plug Type Attenuator

公母型转换光纤跳线 Female to Male Fiber Path cord

技术数据 Parameter

项目ITEM	单模(SM-9/125)	多模(MM-50/125)
		多模(MM-62.5/125)
插入损耗Insertion Loss	≤0.3dB	≤0.3dB
回波损耗Return Loss	PC≥45 dB UPC≥50 dB APC≥60 dB	--
一致性Repeatability	0.1 dB Max.	
工作温度Temperature Range	-40℃~+75℃	
使用次数Operation Times	≥1000	

选购信息 Order Information

PTFM - (F) / - (M) / - - -

A区 母头 B区 C区 公头 D区 E区 F区 G区

A区: FC B区: PC E区: SM-9/125 F区: SX: 单芯 G区: 01: 10CM
 C区: SC D区: UPC OM1-62.5/125 DX: 双芯 02: 20CM
 LC APC OM2-50/125 4C: 4芯 010: 100CM
 ST OM3-50/125 12: 12芯 100: 1M
 DIN OM4-50/125
 MU
 MT-RJ
 MPO

Example: PTFM-MPO(F)/UPC-LC(M)/UPC-OM3-12C-100

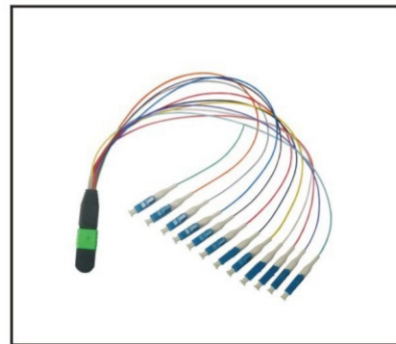
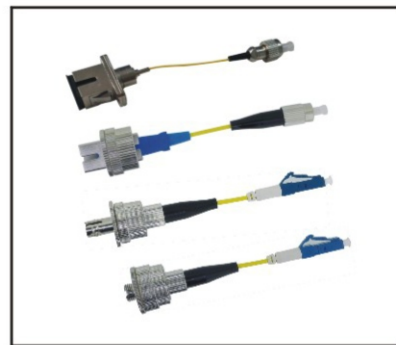
公母型光纤跳线，采用跳线与法兰型适配器（母-母型）相接合技术，让原本不同接入类型的光纤传输接口相互混合使用，为用户在两种或多种不同光纤传输接头连接时提供一种简单可靠的解决方案，用户可以根据需要选择9/125, 50/125和62.5/125等多种纤芯模式和对应的波长环境使用。其连接方式多变可随意订做，能解决诸如：APC对UPC、FC转LC、MTRJ转LC、MPO转SC等光纤连接方案，产品订制更灵活多变、应用更全面、更简单。

Female to male fiber path cord is a combination of optical fiber jumper and adapter. Converts a type of connector to another type of connector. Provides a simple and reliable solution for connecting two or more different optical fiber transmission joints. Users can choose 9/125, 50/125, 62.5/125 and other fiber types and the corresponding connector type. Connection form changeable can be customized, can solve such as: APC to UPC, FC to LC, MTRJ to LC, MPO to SC and other optical fiber connection scheme, product customization more flexible, application more comprehensive, more simple.

特点 Features:

- 自定义将一种连接器转换成另一种类连接器
- 公母端符合对应类型的IEC国际标准
- 可选9/125、62.5/125和50/125等预埋光纤类型
- 可定制UPC对APC两种不同形状端面对接方案
- 可定制MTRJ与MPO光纤连接方案
- 高稳定性、低插入损耗
- Convert a variety of connectors into another
- compliance with IEC international standards
- Select 9/125, 62.5/125 and 50/125 fiber types as required
- Custom APC and UPC face connection
- Custom MTRJ, MPO and other connector connections
- High reliability, low insertion loss

公母型转换光纤跳线 Female to Male Fiber Path cord



标准测试线Master Cord

技术数据 Parameter

项目ITEM		单位Unit		
规格 Specification		--	UPC	APC
光字性能 Optical Performance	插入损耗 Insertion Loss	(dB)	≤ 0.10	≤ 0.10
	回波损耗 Return Loss	SM	≥ 55	≥ 65
		MM	≥ 40	--
端面几何参数数据 Geometric Parameter	曲率半径	SC	10 ~ 25	6 ~ 11
	Radius of Curvature	LC	7 ~ 20	6 ~ 11
	顶点偏移 Apex Offset	(um)	≤ 30	≤ 30
	光纤凹陷 Fiber Height(Spherical)	(um)	± 50	
调点参数 Tuning Parameter	角度偏差 Angular Error	(°)	--	8 ± 0.3
	纤芯偏心量 Eccentricity(Fiber Core to Ferrule)	(um)	≤ 0.3(P grade); ≤ 0.6(A grade)	
	调点角度 Fiber Core Polar Angular	(°)	± 50	

选购信息 Order Information

MTC - / - / - - - - -

A区 B区 C区 D区 E区 F区 G区 H区

A区: FC B区: PC E区: SM-9/125 F区: SX:单芯 G区: 09:0.9mm线径 H区: 01:10CM
 C区: SC D区: UPC OM1-62.5/125 DX:双芯 20:2.0mm线径 02:20CM
 LC APC OM2-50/125 30:3.0mm线径 010:100CM
 ST OM3-50/125 100:1M
 DIN OM4-50/125
 MU
 MT-RJ
 MPO

Example: MTC-FC/UPC-FC/APC-SM-SX-09-300



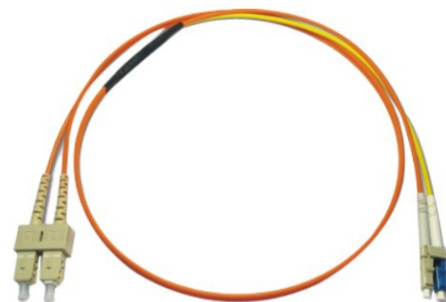
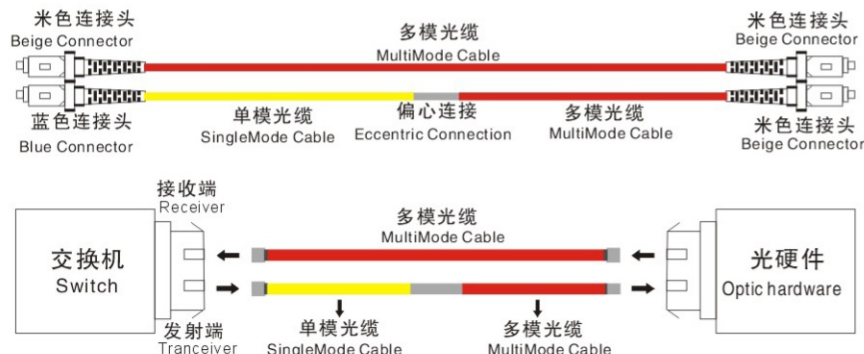
特点 Features:

- 符合EN, IEC61754和ICE61755标准
- 低插损, 高回损
- 高标准的端面几何参数
- 纤芯偏心检测与调点
- 各种规格连接头FC, SC, MU, LC
- 可满足特别需求
- In accordance with EN, IEC 61754, IEC61755 standards
- Low insertion loss and high return loss
- Excellent endface geometry
- Fiber cord eccentricity test
- Varieties of connectors FC, SC, MU, LC
- Special specification available upon custom request

模式转换跳线 Mode Conditioning Patchcord

技术数据 Parameter

工作波长 Operating Wavelength	850nm and 1310nm	
连接器 Connector Type	FC, SC, ST, LC, MU	
	PC or APC Polishing	
模式 Mode	50 / 125	62.5 / 125
光耦合率 Coupled Power Ratio(dB)	$12 \leq \text{CPR} \leq 20$	$28 \leq \text{CPR} \leq 40$
插入损耗 Insertion Loss (dB)	< 0.5	
工作温度 Environmental Temperature	-40 ~ +75℃	
储存温度 Storage Temperature	-45 ~ +85℃	



特点 Features:

- 符合IEEE802.3标准
 - 减少多模光纤的DMD现象
 - 低插损 (< 0.5dB)
 - 多种型号规格接头, 易于连接
 - 应用于Gigabit Ethernet网络
-
- Compliant with IEEE802.3z
 - Reduce DMD effects
 - Low Insertion Loss(< 0.5dB)
 - Easy connection with various connectors
 - Applied in Gigabit Ethernet

裸纤适配器 Bare Fiber Adaptor

技术数据 Parameter

项目ITEM		单位Unit		
规格 Specification		--	UPC	APC
光字性能 Optical Performance	插入损耗 Insertion Loss	(dB)	≤ 0.10	≤ 0.10
	回波损耗 Return Loss	SM	≥ 55	≥ 65
		MM	≥ 40	--
端面几何参数数据 Geometric Parameter	曲率半径	SC	10 ~ 25	6 ~ 11
	Radius of Curvature	LC	7 ~ 20	6 ~ 11
	顶点偏移 Apex Offset	(um)	≤ 30	≤ 30
	光纤凹陷 Fiber Height(Spherical)	(um)	± 50	
调点参数 Tuning Parameter	角度偏差 Angular Error	(°)	--	8 ± 0.3
	纤芯偏心量 Eccentricity(Fiber Core to Ferrule)	(um)	≤ 0.3(P grade); ≤ 0.6(A grade)	
	调点角度 Fiber Core Polar Angular	(°)	± 50	

选购信息 Order Information

BFA - / - -

A区 B区 C区 D区

A区: FC SC LC ST DIN
 B区: PC UPC APC
 C区: 125:125um 126:126um 127:127um 130:130um
 D区: S: 方形Square R: 圆形Round

Example: BFA-FC/UPC-125-S

裸纤适配器是一种简易的用于光纤测试的辅助工具,裸纤适配器的插芯及光纤通孔中无环氧树脂水及任何介质,易于裸光纤插入、拔出和重复多次使用,且具有较低插入损耗,极适合于光纤的紧急抢修与临时接续。

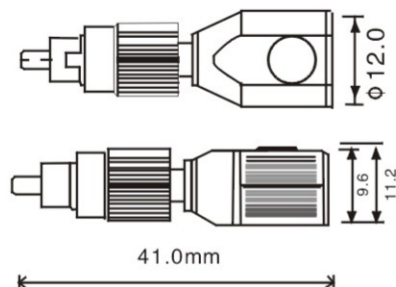
Bare fiber adapter is an auxiliary tool for optical fiber data testing. Because the bare fiber adapter plug hole and bare fiber through the hole without epoxy glue and any medium, The bare fiber is easy to be inserted and pulled out and repeatedly used, and has low insertion loss and easy operation.

特点 Features:

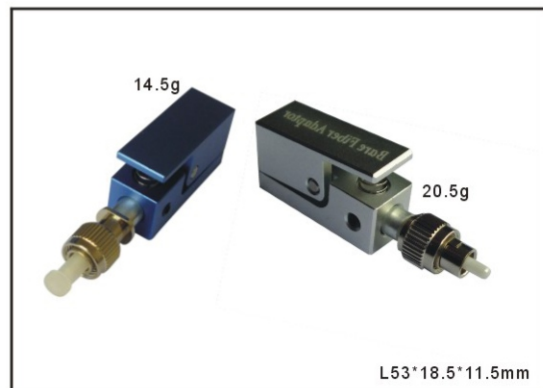
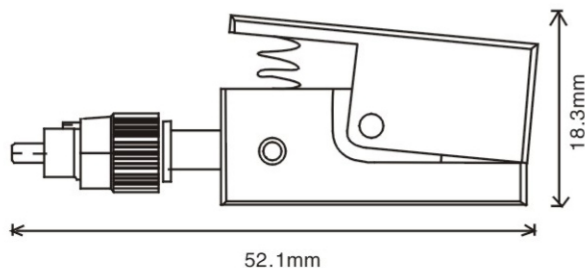
- 适配器结构, 使用简单方便
- 插芯与连接器模组可更换
- 插芯孔径大小可以订制
- 超10000次数使用寿命
- 稳定、可靠、重复性好
- 符合IEC与ROHS标准
- 机械尺寸精度高
- Connector structure, easy to use
- Plug and connector modules can be replaced
- Insert hole diameter size can be customized
- Operation over 10000 times
- Stable, reliable and reproducible
- Compliance with IEC and ROHS standards
- High precision of mechanical dimensions

裸纤适配器 Bare Fiber Adaptor

FC圆形裸纤适配器 FC Round BFA

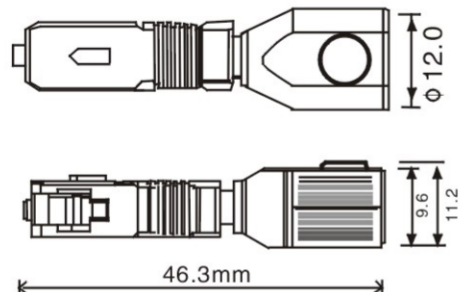


FC方形裸纤适配器 FC Square BFA

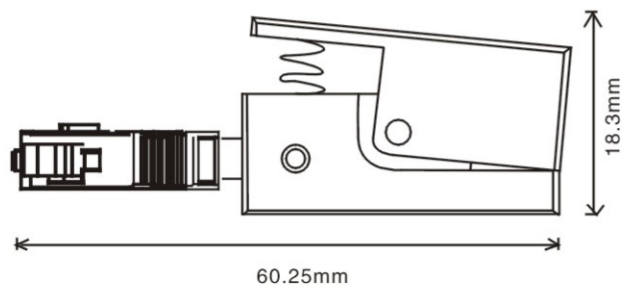


裸纤适配器 Bare Fiber Adaptor

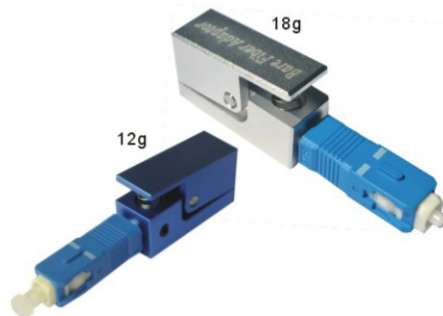
SC圆形裸纤适配器 SC Round BFA



SC方形裸纤适配器 SC Square BFA



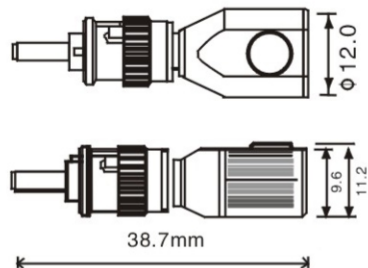
L50*11*12mm



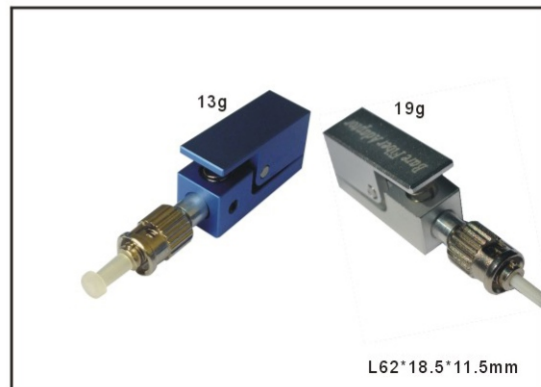
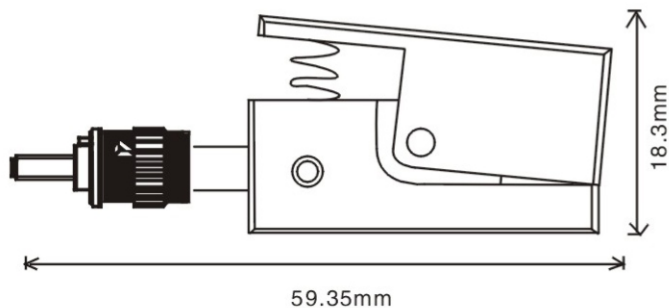
L63*18.5*11.5mm

裸纤适配器Bare Fiber Adaptor

ST圆形裸纤适配器 ST Round BFA



ST方形裸纤适配器 ST Square BFA



MTRJ适配器 MTRJ Adaptor

技术数据 Parameter

项目ITEM	Parameter
Insertion Loss	$\leq 0.2\text{dB}$
Return Loss	$\geq 45\text{dB}$
Mating Durability	$\leq 0.2\text{dB}$ typical change, 1000 times
Operating Temperature	$-40 \sim +75\text{ }^{\circ}\text{C}$
Storage Temperature	$-40 \sim +85\text{ }^{\circ}\text{C}$

选购信息 Order Information

MDMTRJ-  /  - 

A区 B区 C区

A区: 01: RJ-45形
02: SC型

B区: BK:Black
BL:Blue

C区: F1:有耳 Flange
F2:无耳 W/O Flange

Example: MDMTRJ-02-BK-F1

我们提供一种RJ-45式的MTRJ适配器。使用这款适配器，要求连接中的二个MTRJ接头中有一个带有二根定位插针（公头），另一款MTRJ连接器有二个定位孔（母头），二个MTRJ接头对接时，公头的定位插针插入母头的定位孔中，以此实现精准连接。SC型新款MTRJ适配器，能安装到SC适配器标准接口中。

We offer a choice of MTRJ adaptors for alignment of the MTRJ connectors. In the case of the MTRJ system the alignment is carried out by two small pins fitted to one of the connectors and the adapter is designed to support and lock the connectors. When joining MT-RJ connectors, one connector must always be male with pins and one must be female without pins.

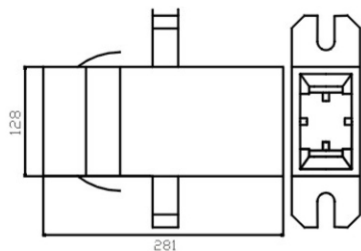
特点 Features:

- 应用于双芯单模与多模光纤连接
- RJ-45接口设计，使用简单
- 符合TIA/EIA568-A标准
- 工程塑料，重量轻但持久耐用
- 防尘罩可使其免受碎片与污染干扰
- SC型MTRJ适配器适合标准SC面板

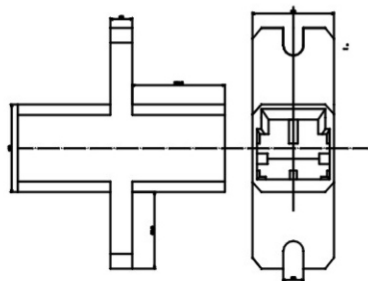
- Application of 2 core SM or MM fiber connection
- Plug-jack (RJ-45) design, easy to use
- TIA/EIA568-A compliant
- Plastic body, light weight and durable
- Dust cover can prevent debris and pollution interference
- SC-type MTRJ adapter compatible with SC panel

MTRJ适配器 MTRJ Adaptor

SC型MTRJ适配器 SC Type



MTRJ标准型适配器 MTRJ Adaptor



MPO/MTP 适配器 MPO/MTP Adaptor

技术数据 Parameter

项目ITEM	Parameter
Insertion Loss	$\leq 0.2\text{dB}$
Return Loss	$\geq 45\text{dB}$
Mating Durability	$\leq 0.2\text{dB}$ typical change, 1000 times
Operating Temperature	$-40 \sim +75\text{ }^{\circ}\text{C}$
Storage Temperature	$-40 \sim +85\text{ }^{\circ}\text{C}$

选购信息 Order Information

ADMPO -  /  - 
A区 B区 C区

A区: 01: Standard
02: SC Footprint

B区: BK:Black
GR:Green
AQ:Aqua
BL:Blue
YW:Yellow
PK:Pink
ML:Metal

C区: F1:有耳 Flange
F2:无耳 W/O Flange

Example: ADMPO-01-BK-F1

MPO/MTRP适配器, 要求插入适配器中的一端的连接头为公头(带有二根定位插针), 另一端为母头(有二个定位孔), 连接时, 公头的定位插针插入母头的定位孔中, 以此实现精准备对接。外壳有MTP型的也有SC适配器型的, 定位插槽有平行也有上下对位的, 外壳有不同颜色的, 有短耳与长耳的。

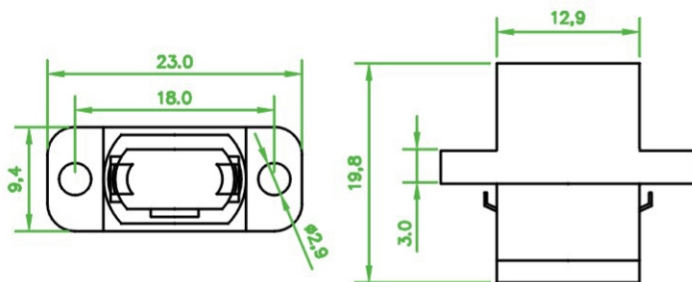
MPO/MTP adaptor provides alignment for a male and female MPO/MTP connector, its simple to use locking thread mechanism preventing accidental disconnection, this provides a very secure connection. The housing is available with MTP or SC footprint, aligned or opposed alignment keys, different colours and with options for flange or flangeless body.

特点 Features:

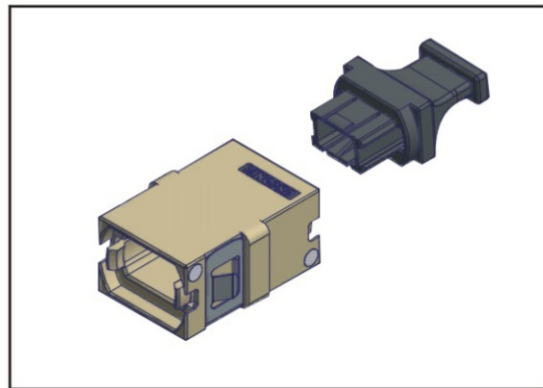
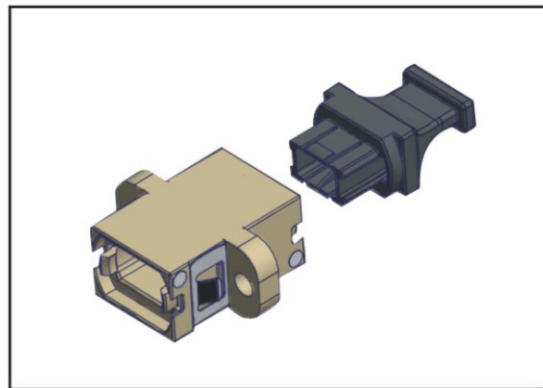
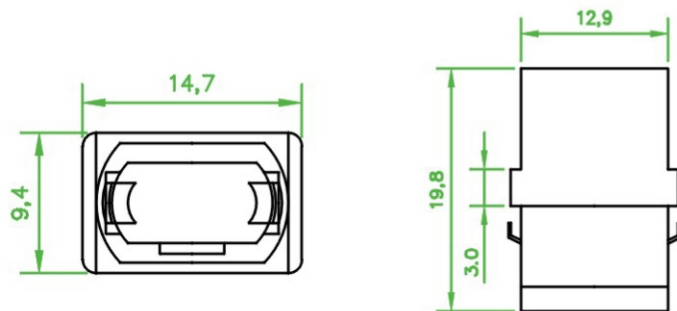
- 适用4-24芯单模与多模光纤连接
- 分体式适配器可订制交叉定位键和直线定位键
- 分体式适配器可订制塑胶外壳与金属外壳
- 一体式适配器为稳定的交叉定位键
- 塑胶外壳可订制黑色、绿色、黄色、水蓝色、粉红色等颜色
- 可订制有耳和短耳型适配器
- SC型MPO适配器可以兼容SC面板
- 标配防震弹簧片, 紧贴面板安装
- 符合IEC61754-7-1, Telcordia GR-1435, ROHS标准
- Applied to 4-24 core SM or MM fiber connection
- Two-piece type adapter can be customized opposed (UP-DOWN) key and aligned (UP-UP) key
- Two-piece type adapter can be customized plastic housing and metal housing
- One-piece type adapter is stable opposed (UP-DOWN) key
- Plastic housing can be customized black, green, yellow, water blue, pink and other colors
- Customized with flange and short flange adapter
- SC-type MPO adapter compatible with SC panel
- Standard shockproof spring, close to the panel installation
- Comply with IEC61754-7-1, Telcordia GR-1435, ROHS standard

MPO/MTP 适配器 MPO/MTP Adaptor

SC型MPO适配器 SC Type With Full Flange

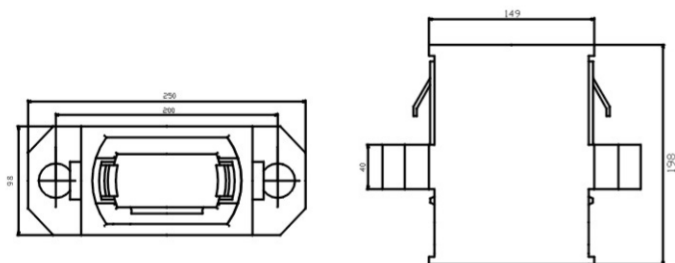


SC型MPO适配器 SC Type With Reduced Flange

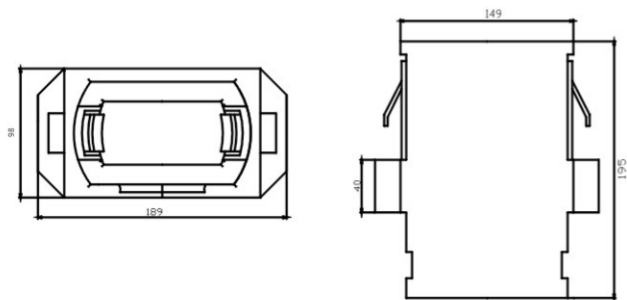


MPO/MTP 适配器 MPO/MTP Adaptor

MPO 标准型适配器 Standard Adaptor Full Flange

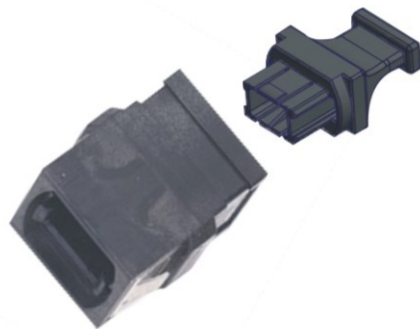


MPO 标准型适配器 Standard Adaptor Reduced Flange



Plastics

Metal



MPO/MTP 适配器 MPO/MTP Adaptor



Aqua

MPO/MTP OM3适配器
MPO/MTP OM3 Adaptor



Yellow

MPO/MTP SM适配器
MPO/MTP SM Adaptor



Black

MPO/MTP 分体适配器
MPO/MTP Two-Piece Adaptor



Pink

MPO/MTP OM4 适配器
MPO/MTP OM4 Adaptor



Green

MPO/MTP APC 适配器
MPO/MTP APC Adaptor



Black

MPO/MTP 一体 适配器
MPO/MTP One-Piece Adaptor

光纤匹配膏MATCHING GEL FOR OPTICAL

技术数据 Parameter

Typical Properties	Result	Metric Conv.	ASTM	NT-TM
Viscosity	1,500 cP	1,500 mPas	D1084	25
Surface Tension	25 dyne/cm	-	-	-
Specific Gravity	1.04	-	D1217	3
Pour Point	50°C	-	D97	-
Thermal Expansion by Volume	$8 \times 10^{-4} \text{ cc/cc/}^{\circ}\text{C}$	-	-	-
Volatile Content	0.10%	-	D972	4
Appearance	Translucent	-	D2090	2
Refractive Index, 1310 nm	1.46	-	D1218	18
Refractive Index vs. Temperature, 589 nm	$-3 \times 10^{-4}/^{\circ}\text{C}$	-	D1218	18
Operating Temperature Range	-40 to 302° F	-40 to 150°C	-	-

产品说明: 光纤匹配膏是一种柔软、非粘性、阻水、不易流动、无毒无害、晶莹剔透的膏状化合物，其折射率与光纤、硅玻璃相近，油分离率为零，挥发性能差，具有良好的抗氧化性与长期的稳定性，被广泛的应用到光纤通讯及照明等行业。



贮藏: 密封，置阴凉处（不超过20°C）

规格: 每瓶净装30ml

典型特性:

- 1.46折射率与光纤及硅玻璃相近
- 透明、不易流动, 对 > 350nm光传输有效
- 高纯度, 无刺激性, 无毒无害, 不影响敏感的半导体或金属
- 油分离率为零, 挥发性能差, 具有良好的抗氧化性能及长期的稳定性
- 适用温度广: $-40^{\circ}\text{C} \sim +150^{\circ}\text{C}$

典型应用:

- 可以减少由于光纤端面与空气间的菲涅尔反射而引起的损耗
- 光波回波损耗测试等场合, 可以隔截空气反射
- 适用裸光纤的连接与接续 (如测试或抢修)
- V型槽、机械接续子 (冷接续子)、快速连接器等临时接续或永久连接。
- MTRJ、MPO、MTRJ光纤连接器的匹配

Description

- Chemically inert, optical grade fluid
- Optically clear, visible to NIR
- Low volatility
- 1.46 refractive index, matches silica fiber

Applications

- For sensitive optical assemblies
- Wafer level optical metrology
- Index matching to silica
- Coolant/optical fluid for high power laser optics
- High index microscope immersion fluid
- Optical coupling between prisms and gratings
- Thermally compensated fluid lenses
- Projection display components



光纤机械接续子
Fiber Mechanical Splicer



光纤快速连接器
Fiber Fast Connectors

光纤匹配块Index Matching Block

使用步骤:

- 1、扭开匹配块盒盖，朝下放好，以免落入灰尘。
- 2、检查匹配块表面是否有灰尘或脏污，如有，用无尘棉签蘸无水酒精清洗匹配块表面，待匹配块表面酒精蒸发后才能使用；检查匹配块表面有无损坏，若有需更换匹配块。
- 3、将待测光纤器件的测试终端与匹配块的表面垂直接触（但不可太用力，以免损坏匹配块），观插回损测试仪。
- 4、待测试仪表面的回损读数不再上升且比较稳事实上后读出并记录回损值，再对下一个器件作回损测试。
- 5、待匹配块使用完后，检查匹配块表面有无灰尘或脏污，若无扭上匹配块盖子，放回储存地。

注意事项:

- 1、匹配块同所有光纤器件一样要避尘，使用后一事实上要记得扭上盖子。较长时间不用时应将匹配块放在密封胶袋里，以免匹配块外部落上灰尘，打开盖子后外部的灰尘会落入匹配块内。
- 2、测试时，光纤器件的末端与匹配块表面接触不需很大力，只要接触到就可以了，用力过大会损坏匹配块表面，用力大也不会对测试有任何帮助。
- 3、匹配块应在避光干燥处保存。

产品说明: 光纤匹配块简称匹配块，也称消光块，其折射率与光纤匹配膏相同为1.46，是块状固体，但匹配块摸起来比较柔软，所以也有人把其误称为光纤匹配膏或匹配膏，消光膏。匹配块是对光纤器件作末端匹配，无需对光纤线缆进行绕线即可测试光的回波损耗。



贮藏: 密封，置阴凉处（不超过20℃）

美国ODF金刚石研磨纸 ODF™ Diamond Polishing Films

适用于通信行业的范围有:

光纤连接器的研磨加工, 如 FC型、SC型、ST 型、LC型的光纤连接器主要采用金刚石系列的研磨片进行研磨, 用抛光片进行抛光。研磨纸适用于电子中心机型、四角加压机型。研磨垫采用橡胶垫。

关于陶瓷套管的光纤连接器的研磨工艺:

- (1) 其中D30研磨片(研磨纸) 可用于去胶包; D9 或D6 或D3 金刚石研磨片用于粗研磨; D1或D0.5 金刚石研磨片用于精磨。二氧化硅研磨片+SiO₂抛光液或者抛光片用于抛光。
- (2) APC 陶瓷套管的光纤连接器, 研磨过程中首先需要大粒度金刚石例如D30研磨纸开斜面, 之后在用 D9-D1-抛光片 研磨抛光。

关于陶瓷套管的光纤连接器的研磨注意事项:

- (1) 在研抛的过程中, 每一步研磨完要用纯净水及无尘擦拭纸将插针体端面清洗干净;
- (2) 研抛过程中一般用水作为研磨介质;
- (3) 研抛定位时应注意等高, 否则会造成长度不一。定位时研磨盘和插针要保持垂直, 否则会造成凸球面偏移及偏心;
- (4) 因各家厂商插芯不同而影响研抛参数;

产品特点:

- 1.产品使用寿命周期长, 起步时间短牢度可靠;
- 2.产品质量稳定, 批次之间差异小;
- 3.既具有砂轮等固定磨料的高磨削力特性, 又能达到研磨液等游离磨料的抛光精度;
- 4.具有较好的强度和柔韧性, 能达到理想的曲面抛光效果;
- 5.利用专有的配方工艺确保磨料颗粒分散均匀;
- 6.适用于干法抛光, 也适用于以水或者研磨油为介质的研磨抛光。

产品说明: 金刚石研磨纸(研磨片) 是利用国际上最新发展的超精密涂布技术, 将微米或纳米级金刚石微粉与新型高分子材料均匀分散后, 涂覆于高强度薄膜表面, 然后经过高精度的裁剪工艺加工而成。

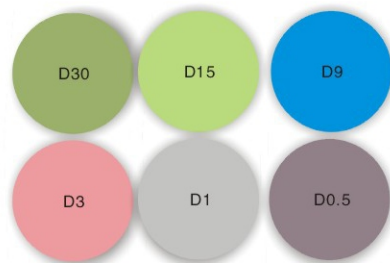
主要用途:

陶瓷插芯的光纤研磨; 光学镜头、光学晶体、LED的研磨; 磁头、硬盘的研磨; 微型马达轴和微电机换向器的研磨; 还有印刷辊轴、汽车曲轴等钨钢及其它硬质合金研磨。

金刚石研磨纸粒度规格有60 μ 、45 μ 、30 μ 、15 μ 、9 μ 、6 μ 、3 μ 、1 μ 、0.5 μ

产品尺寸:

Φ127mm(5inch)、110mm*110mm(4.3inch), 可根据客户的需求定制其他规格产品, 也可根据客户的需求定制背胶。



优点/特点:

能理想地用于光纤连接器端面的终抛光能抛光光纤连接器端面而不会留下划痕或残余物。而且，也不会粘上抛光片粘合剂或硅粒。产品寿命与ADS抛光片一样长。具有稳定的抛光力，并具有终加工性能，使用寿命长。用蒸馏水能进行高性能抛光。大幅改进了光纤凹陷问题就尤其是对 $\phi 1.25$ 毫米套管（插芯）进行反复抛光时容易发生的凹陷问题改进了形状。即使多次使用也能防止突然发生光纤凹陷的问题。

ADS系列的规格

类型ADS系列终（最终）抛光硅片标准尺寸:

圆盘型: 127毫米（5英寸）直径（100个/套）

卷型: 140毫米（5.5英寸） $\times$ 12米（1卷/套）

抛光片颜色:

ADS-NEXT: 无色，半透明（在圆盘边耳有“NEXT”标记）

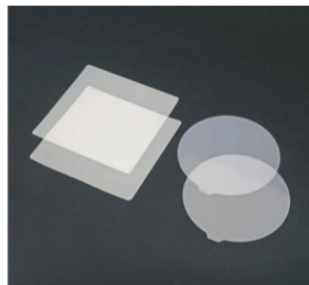
ADS: 无色，半透明（在圆盘边耳有“ADS”标记）

ADS-SKY: 淡蓝色，半透明（在圆盘边耳有“SKY”标记）底座厚度75微米（3毫英寸）

适用套管（插芯）:

2.5毫米直径氧化锆套管（插芯）

1.25毫米直径氧化锆套管（插芯）





米勒 CFS-2 剥纤钳
Miller CFS-2 Fiber Stripper



海利兴 TFS-2 剥纤钳
Fibwell TFS-2 Fiber Stripper



钨钢划纤笔
Tungsten Steel Scribe



红宝石划纤笔
Ruby Fiber Scribe



碳化合金划纤笔
Carbide Fiber Scribe



断点检测笔
Visual Fault Locator



研磨垫
Polishing Pads



光纤工具箱
Fiber Tool Kit