

Fiber Solution

Fible Optic Connector

Features:

- 2.5mm Zirconia ferrule with wide range of hole size (125 μ m - 128 μ m) for choice.
- Suitable for Single-mode or Multi-mode Fiber Cable.
- Pre-radiused ferrule give fast polishing.
- Wide range of the boot colors and diameter for selection.
- APC type available for Single-mode.
- Low insertion loss & high return loss.

Physical Specifications

- Fiber Cable Type: 3.0 mm jacketed or 900 μ m tight-buffered.
- Fiber Compatibility: 62.5/125 μ m and 50/125 μ m Multimode; 9/125 μ m Single-mode.

Electrical Specifications:

- Insertion Loss: < 0.34 dB typical; < 0.15 dB Single Mode; < 0.3 dB Multimode
- Return Loss: -50 dB Single-mode(Typical)
 - > 30 dB - P C Polishing
 - > 40 dB - SPC Polishing
 - > 50 dB - UPC Polishing
 - > 60 dB - APC Polishing

Ordering Information

AD-FC- ☐ ☐ ☐ ☐ ☐

Connector Type :

- | | | | |
|------------|------------------|------------|-------------------|
| 1 = FC/PC | 5 = ST | 9 = E-2000 | 13-SMA905 |
| 2 = FC/APC | 6 = LC | 10 - FDDI | 14-SMA906 |
| 3 = SC/PC | 7 = MT-RJ/male | 11-MU | 15-D4 |
| 4 = SC/APC | 8 = MT-RJ/female | 12-ESCON | 16-DIN 47256(LSA) |

Mode Type :

- 1 = Single mode
- 2 = Multi-mode

Fiber size:

- 1=125 μ m
- 2=126 μ m
- 3=127 μ m
- 4=128 μ m

Type :

- 1 = One Piece Type
- 2 = Typical Type

Cable Boot Type :

- 1 = For 0.9 mm cable
- 2 = For 1.6 mm cable
- 3 = For 1.8 mm cable
- 4 = For 2.0 mm cable
- 5 = For 2.4 mm cable
- 6 = For 3.0 mm cable



ST Connector



SC Connector



SC Connector Duplex



FC Connector



APC Connector



MTRJ Connector



LC Connector



FC D-Shape adapter



FC APC D-Shape adapter



Escon Connector

Fible Optic Adaptors

Features:

- Low insertion Loss.
- Low Back Reflection.
- Compliant with JIS, IEC, Bellcore Standard.
- Excellent Concentricity.
- Convenience and ease of handling.

Physical Specifications

- Fiber Cable Type: 3.0 mm jacketed or 900 μ m tight-buffered.
- Fiber Compatibility: 62.5/125 μ m and 50/125 μ m Multimode; 9/125 μ m Single-mode.

Electrical Specifications:

- High Durability: 0.2dB loss after 500 cycles.
- Insertion Loss: 0.15dB (Singlemode), 0.2dB (Multimode).

Ordering Information

AD-FA-

In/Out Connector Type:

- | | | | |
|------------|-----------|------------|---------------|
| 1 = FC/PC | 5 = ST | 9 = FC-ST | 13 = SC-FC |
| 2 = FC/APC | 6 = LC | 10 = FDDI | 14 = SC-LC |
| 3 = SC/PC | 7 = MTRJ | 11 = DIN | 15 = FDDI-ST |
| 4 = SC/APC | 8 = SC-ST | 12 = ESCON | 16 = ESCON-ST |

Sleeve Type:

- 1 = Single mode Zirconia Sleeve
- 2 = Multi-mode Zirconia Sleeve
- 3 = Multi-mode Phosphor Bronze Sleeve

Cord Type:

- 1 = Simplex
- 2 = Duplex

Type:

- 1=Plastic
- 2=Metal Square Type (FC)
- 3=Metal D Type (FC)
- 4=Metal Thread Type (ST)



ST Adaptor



FC Adaptor



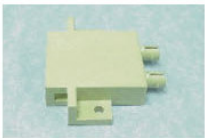
SC Adaptor



MTRJ Adaptor



SC-FC adapter



FDDI-ST adapter



SC-ST adapter



LC Adaptor



FC-ST adapter



ESCON Adaptor



APC Adaptor

Fiber Solution

Fiber Patch Cord

Features:

- Wide range of fiber type, cable type, connector type and ferrule types for selection.
- Wide range of the cord colors for selection.
- Low insertion Loss.
- Compliant with JIS, IEC, Bellcore Standard.

Physical Specifications

- Cladding Diameter: 125 μm .
- Core Diameter: 50/62.5 μm (Multimode), 9 μm (Single-mode).
- Minimum Bend Radius: 10 x total diameter.

Electrical Specifications

- Attenuation: For Multimode <3.75 dB/Km at 850 nm; <1.5 dB at 1,300 nm; For Single Mode <0.4 dB/Km at 1310 nm; <0.3 dB at 1550 nm.
- Bandwidth: 200 MHz/km at 850 nm; 600 MHz at 1,300 nm.
- Insertion Loss: <0.34 dB typical; <0.15 dB Single Mode; <0.3 dB Multimode.
- Return Loss: -50 dB Single-Mode

Construction:

Fibre	Single Mode/Multimode
Cable Type	Simplex/Duplex/Breakout
Connector Type	ST/SC/FC/SMA905 or 906/ D4/BICONIC/FDDI/MTRJ/LC
Ferrule	Ceramic/Stainless Steel/Polymer
Jacket	PVC/FRPVC/LSZH
Applicable Standard	EIA Bellcore Compliant

Ordering Code

Example: AD-11S160F003COR-01
Simplex, ST to ST connector. Multimode, 3 feet long
Ceramic Ferrule, OFNR, Yellow Color

AD-A-B-CCCC-DD-E-FFF-G-HH-II

II	Jacket Color
	01-Yellow; 02-Blue, 03-Green, 04-White
	05-Orange, 06-Purple, 07-Red, 08-Grey
HH	Fire Performance Rating
	ON - Normal PVC, OFN grade
	OR- FRPVC, OFNR Riser Grade
	OP - FEP, OFNP Plenum Grade
	FR - FRPVC, to IEC 332-3C
	LH - LSOH grade to IEC 754-1, IEC 1034 P1/2
G	Ferrule Type
	C - Ceramic, S- Stainless Steel, P- Polymer
FFF	Length
	F003 - 3 Feet, F005 - 5 Feet, F007 - 7 Feet,
	M001 - 1 Meter, M002 - 2 Meter, M003 - 3 meter,
E	Length Unit
	F- Foot, M-Meter
DD	Fibre Type
	90- Single Mode 9/125 μm
	60- Multimode 62.5/125 μm
	50- Multimode 50/125 μm
CCCC	Cable Type Family
	S1-Simplex, D1-Duplex Zip
	D2- Duplex Flat, P1 - 1 Fibre Pigtail
	P4 - 4 Fibre Pigtail, P6 - 6 Fibre Pigtail
	MTxxx- Tight Buffer Distribution, Fibre Number
	BTxxx- Tight Buffer Breakout, Fibre Number
B	Right Connector Type
	1-ST, 2-SC, 3-FC, 4-SMA905/906, 5-D4
	6-BICONIC, 7-FDDI, 8-MTRJ, 9-LC
A	Left Connector Type
	1-ST, 2-SC, 3-FC, 4-SMA905/906, 5-D4
	6-BICONIC, 7-FDDI, 8-MTRJ, 9-LC



SC/APC Fiber Optical Patch Cord



ST/ST Fiber Optical patch cord



SC/SC Fiber Optical patch cord



SC/SC Duplex Fiber Optical patch cord



FC/FC Fiber Optical patch cord



ST/ST Duplex Fiber Optical patch cord



FC/APC Fiber Optical patch cord

Wall Mount Fiber Termination/Splicing Box

Features

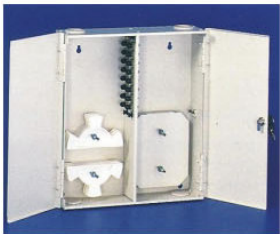
- Compact design with two compartments in one box, one for incoming fiber cable and pigtails for splicing, and the other is for patch cord terminations.
- Removable chassis loaded with heavy duty adaptor panels and splice trays (optional).
- Available for FC, SC, and ST adaptor.
- Metal case with epoxy finish coating.
- Available in beige or black color.
- Dust-Proof grommets sealed for cable holes.
- 6 adaptors per panel.
- Metal door with optional lock for security.
- Modular splicing organizer with 6 or 12 splicing per module.

Ordering Information

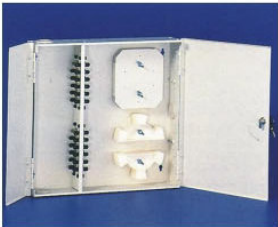
Part No.	Description
AD-WFTB-06S	6 port Wall Mount Fibre Termination/Splicing box
AD-WFTB-12S	12 port Wall Mount Fibre Termination/Splicing box
AD-WFTB-16S	16 port Wall Mount Fibre Termination/Splicing box
AD-WFTB-24S	24 port Wall Mount Fibre Termination/Splicing box
AD-WFTB-48S	48 port Wall Mount Fibre Termination/Splicing box



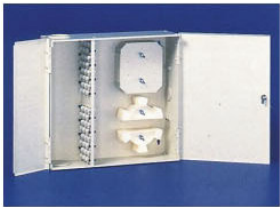
12Port Wall Mount
Fiber Termination &
Splicing Box



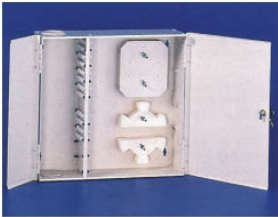
16Port Wall Mount
Fiber Termination &
Splicing Box



24Port Wall Mount
Fiber Termination &
Splicing Box



36Port Wall Mount
Fiber Termination &
Splicing Box



48Port Wall Mount
Fiber Termination &
Splicing Box

Fiber Solution

19" 1U Rackmount Fiber Termination Box

Features:

- One enclosure accommodates 12, 16, 24, port terminations.
- Adaptor panels are mounted on slidable chassis for ease of installation and maintenance.
- Front access with multiple stackable units for high fiber count installation.
- Available for FC, SC, and ST adaptor panels.
- Metal case with epoxy coating.
- Providing direct termination for fibre cable in one rack space.
- Pre-loaded patch panels available.
- Slide out features as options.

Ordering Information

Part No.	Description
AD-RFTB-12-1U	12 Port 1U Rackmount Fiber Termination box w/o Splicing
AD-RFTB-16-1U	16 Port 1U Rackmount Fiber Termination box w/o Splicing
AD-RFTB-24-1U	24 Port 1U Rackmount Fiber Termination box w/o Splicing



24 Port Rackmount
Fiber Termination Box



6Port Rack
Mount Fiber
Termination
& Splicing Box

19" Rackmount Fiber Termination & Splicing Box

Features:

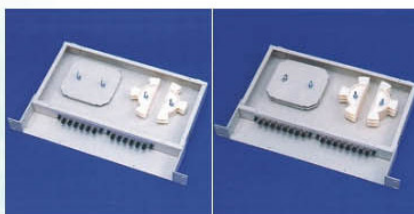
- 19" standard rack, suitable for incoming fibre cable and pigtail fusion splicing.
- Available for 12, 16, 24, port terminations.
- Modular adaptor panels for ease of installation and maintenance.
- Available for FC, SC, and ST adaptor panels.
- Metal case with epoxy coating.
- Rubber grommets sealed for cable holes.
- Termination of fibre cable in one rack space.
- Pre-loaded patch panels available.

Ordering Information

Part No.	Description
AD-RFTB-12S-1U	12 Port 1U Rackmount Fiber Termination/Splicing box (44.5mm x 410mm x 280mm)
AD-RFTB-16S-1U	16 Port 1U Rackmount Fiber Termination/Splicing box (44.5mm x 410mm x 280mm)
AD-RFTB-24S-1U	24 Port 1U Rackmount Fiber Termination/Splicing box (44.5mm x 410mm x 280mm)
AD-RFTB-36S-2U	36 Port 2U Rackmount Fiber Termination/Splicing box (89mm x 483mm x 280mm)
AD-RFTB-48S-2U	48 Port 2U Rackmount Fiber Termination/Splicing box (89mm x 483mm x 280mm)



48Port Rack
Mount Fiber
Termination
& Splicing Box



12/16Port Rack Mount Fiber
Termination & Splicing Box



24/36Port Rack Mount Fiber
Termination & Splicing Box

■ 19"/23" Standard Rackmount Fiber Termination/Splicing Box

● Features:

- 19"/23" standard rack, suitable for incoming fibre cable and pigtail fusion splicing.
- Available for 24 and 48 port terminations.
- Stackable modular fusion splicing organizer, 6/12 splicing per module.
- Modular adaptor panels for ease of installation and maintenance.
- Available for FC, SC, and ST adaptor panels.
- Metal case with epoxy coating.
- Pre-loaded patch panels available.

● Ordering Information

Part No.	Description
AD-RFTB-24S-H	24 Port 19"/23" Rackmount Fiber Termination/Splicing box (220mm x 430mm x 375mm)
AD-RFTB-48S-H	48 Port 19"/23" Rackmount Fiber Termination/Splicing box (330mm x 430mm x 375mm)



24 Port Standard Rackmount Termination/Splicing Box



48 Port Standard Rackmount Termination/Splicing Box

■ 19"/23" Low Profile Rackmount Fiber Termination/Splicing Box

● Features:

- 19"/23" standard rack, suitable for incoming fibre cable and pigtail fusion splicing.
- Available for 24, 48, 72 & 96 port terminations.
- Stackable modular fusion splicing organizer, 12 splicings per module.
- Modular adaptor panels for ease of installation and maintenance.
- Available for FC, SC, and ST adaptor panels.
- Metal case with epoxy coating.
- Pre-loaded patch panels available.

● Ordering Information

Part No.	Description
AD-RFTB-24S-L	24 Port 19"/23" Rackmount Fiber Termination/Splicing box (176mm x 430mm x 375mm)
AD-RFTB-48S-L	48 Port 19"/23" Rackmount Fiber Termination/Splicing box (220mm x 430mm x 375mm)
AD-RFTB-72S-L	72 Port 19"/23" Rackmount Fiber Termination/Splicing box (263mm x 430mm x 375mm)
AD-RFTB-96S-L	96 Port 19"/23" Rackmount Fiber Termination/Splicing box (305mm x 430mm x 375mm)



24 Port Low Profile Fibre Termination/Splicing Box



48 Port Low Profile Fibre Termination/Splicing Box



96 Port Low Profile Fibre Termination/Splicing Box

■ Adaptor Panel

● Features:

- 6 Port modular design.
- Aluminium Plates.
- Available in 4, 6 and 8 ports.
- Fit for ST,SC FC adaptors.
- Available in 1 x 6 and 2 x 3 construction for choice.

● Ordering Information

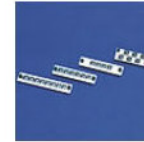
Part No.	Description
AD-AP-ST-04	4 Port ST Adaptor Panel
AD-AP-ST-06	6 Port ST Adaptor Panel
AD-AP-ST-08	8 Port ST Adaptor Panel
AD-AP-SC-04	4 Port SC Adaptor Panel
AD-AP-SC-06	6 Port SC Adaptor Panel
AD-AP-SC-08	8 Port SC Adaptor Panel
AD-AP-FC-04	4 Port FC Adaptor Panel
AD-AP-FC-06	6 Port FC Adaptor Panel
AD-AP-FC-08	8 Port FC Adaptor Panel
AD-AP-FC-06M	6 (2X3)Port FC Adaptor Panel
AD-AP-SC-06M	6 (2X3)Port SC Adaptor Panel



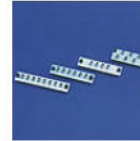
SC Duplex
Adaptor
Module



FC FC D
Shaped
Adaptor
Module



FC FC
Adaptor
Module



ST ST
Adaptor
Module



SC SC
Adaptor
Module

■ Protector Sleeve

● Features:

- Moisture resistant.
- Shrink temperature of 90 deg.
- Tension member made of steel rod.
- Mass Fusion Sleeve fit for 4 to 12 ribbon fibers.

● Ordering Information

Part No.	Description
AD-FSPS	Fusion Splice Protector Sleeve
AD-MFPS	Mass Fusion Protector Sleeve (for 4 12 ribbon fiber)



Protector
Sleeve

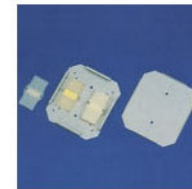
■ Cable Routing Spool

● Features:

- Stackable design.
- Flame retardant material.
- Minimum bending radius of 42mm.

● Ordering Information

Part No.	Description
AD-CRS	Cable Routing Spool



Cable Routing
Spool

■ Splicing Tray

● Features:

- Stackable design.
- Flame retardant material.
- Minimum bending radius of 42mm.

● Ordering Information

Part No.	Description
AD-FST-12S	12 Fiber Splicing Tray (11mm x 125mm x 140mm), for AD-WFTB-12/24/48S & AD-RFTB-12/16/24/36/48S-1/2U
AD-FST-12L	Fiber Splicing Tray (11mm x 160mm x 240mm), for AD-RFTB-24/48/72/96S-L & AD-RFTB-24/48S-H



Splicing Tray