Passive Components

Singlemode Fibre Patch and Adaptor Cables

FCP SC-SC
SINGLEMODE

- LSZH (Low Smoke Zero Halogen) Sheathing
- Singlemode glass fibre
- Supplied complete with Insertion loss certificate

Description	Connector	Cable Type	Length (m)						
			1m	2m	3m	5m	10m	15m	20m
Duplex FO Patch cable	SC - SC	Singlemode	7940031025	7940031026	7940031027	7940031028	7940031029	7940031030	7940031031
Duplex FO Adaptor cable	SC - ST	Singlemode	7940031032	7940031033	7940031034	7940031035	7940031036	7940031037	7940031038
Duplex FO Patch cable	ST - ST	Singlemode	7940031039	7940031040	7940031041	7940031042	7940031043	7940031044	7940031045
Duplex FO Adaptor cable	SC - LC	Singlemode	7940031046	7940031047	7940031107	7940031108	7940031109	7940031110	7940031111
Duplex FO Adaptor cable	ST - LC	Singlemode	7940031112	7940031113	7940031114	7940031115	7940031116	7940031117	7940031118
Duplex FO Patch cable	LC - LC	Singlemode	7940031119	7940031120	7940031121	7940031122	7940031123	7940031124	7940031125

Installation Accessories

Fibre Patching and Marshalling Accessories

Fibre Patching and Marshalling Accessories

Weidmuller carry a complete range of Fibre Patching and Marshalling Accessories enabling customers to source all components necessary to deploy a complete industrial fibre network, from the cubicle to the field equipment. Our extensive range includes fixed and sliding FOBOTd, wall mounted enclosures and all ancilliary fibre patching and termination components like pigtails, splice cassettes thru-adaptors and coupler panels.

Rack Mount -
Fixed Enclosure

- 19" rack mount Fibre Optic Breakout Tray (FOBOT)
- Quality 2 stage slide-out drawer mechanism
- Rugged and Durable steel construction
- 24, 48 & 96 Fibre capacity in 1RU, 2RU and 3RU design Adjustable mounting brackets
- Angled rear cable mounts
- Complete with M20 gland, strength clamp and cable management clips

Description	Type	Order No.
FCP 1RU S MOD 2 PNL 24F *	Sliding Enclosure - Modular 2 Panel up to 24 fibre	7940031126
FCP 2RU S MOD 2 PNL 48F *	Sliding Enclosure - Modular 4 Panel up to 48 fibre	7940031127
FCP 3RU S MOD 2 PNL 96F *	Sliding Enclosure - Modular 8 Panel up to 96 fibre	7940031128

Note:* Coupler panels not included, please select from FCP CPLR Range

Rack Mount -
Fixed Enclosure

- 19" rack mount Fibre Optic Breakout Tray (FOBOT)
- Fixed enclosure with access via screw lid
- Compact 1RU design
- Rugged durable steel construction
- Supports wide range of splice cassettes
- Accommodates up to 24 fibres

Type	Description	Order No.
FCP 1RU F SC DUP 24F	Fixed Enclosure - SC Duplex up to 24 fibre	7940031129
FCP 1RU F ST SIM 24F	Fixed Enclosure - ST Simplex up to 24 fibre	7940031130
FCP 1RU MOD 2PNL 24F *	Fixed Enclosure - Modular 2 Panel up to 24 fibre	7940031137

Note:* Coupler panels not included, please select from FCP CPLR Range

Wall Mount Enclosures

Hinged Wall Mount Enclosures

- Robust wall mount enclosures for easy direct termination or fusion splicing
- Lockable door to secure cable entry compartment
- Heavy duty hinged mechanism
- Accommodates 24 or 48 fibres
- Modular coupler panels to suit fibre type
- Comes complete with M20 gland; strength clamp and cable management clips

Description	Type	Order No.
FCP W BOX 24FM 2C PNL 2 DR *	Wall Box - 24 Fibre Metal (2x Coupler Panel) Two Doors	**7940031135**
FCP W BOX 48FM 4C PNL 2 DR *	Wall Box - 48 Fibre Metal (4x Coupler Panel) Two Doors	**7940031136**

Note:* Coupler panels not included, please select from FCP CPLR Range

Small, Fixed Wall Mount Enclosures

- Compact and Robust
- Heavy duty steel construction solution for cable management
- Accommodates up to 24 fibres
- Utilises modular coupler panels to suit fibre connector type
- 20mm gland entries
- Screw or hinged lid options

Description	Type	Order No.
FCP W BOX 12FM CPL PNL H/LID *	Wall Box - 12 Fibre Metal (1x Coupler Panel) Hinge/Lid	**7940031132**
FCP W BOX 12FM CPL PNL S/LID *	Wall Box - 12 Fibre Metal (1x Coupler Panel) Screw/Lid	**7940031133**
FCP W BOX 12/24FM 2C PNL S/LID *	Wall Box - 12/24 Fibre Metal (2x Coupler Panel) Screw/Lid	**7940031134**

Note:* Coupler panels not included, please select from FCP CPLR Range

Low Cost, Plastic Wall Box

- Low Cost, Compact Plastic Wall Box
- Comes complete with SC and ST Coupler Panels included
- Termination of up to 12 Fibres

Description	Type	Order No.
FCP W BOX 12FP/SC ST PNL 3M	Wall Box - 12 Fibre Plastic (with an SC & ST panel)	**7940031131**

Fibre Patching and Marshalling Accessories

Coupler Panels

- Coupler Panels to suit a range of fibre connectors
- SC, ST and LC variants (SC Simplex, suits LC duplex connectors
- Straight or angled versions available
- Clip straight into Weidmuller Rack and Wall Box Enclosures
- Optional numbered couplers available

Description	Type	Order No.
FCP CPLR PNL ENCL & WALL BLNK	Flat (Blank)	7940031309
FCP ANG CPLR PNL SC DUP 6PT	Angled (SC Duplex 6 Port)	7940031311
FCP CPLR SC DUP 6PT	Flat (SC Duplex 6 Port)	7940031312
FCP CPLR SC DUP 6PT 1-12	Flat, SC Duplex 6 Port, No. 1-12	7940031314
FCP CPLR SC DUP 6PT 13-24	Flat, SC Duplex 6 Port, No. 13-24	7940031315
FCP ANG CPLR SC DUP 6PT 1-12L	Angled, SC Duplex 6 Port, No. 1-12, Left	7940031316
FCP ANG CPLR SC DUP 6PT 13-24R	Angled, SC Duplex 6 Port, No. 13-24, Right	7940031317
FCP ANG CPLR SC SIM 12PT 1-12L	Angled, SC Simplex 12 Port, No. 1-12, Left	7940031318
FCP ANG CPLR SC SIM 12PT 1-12R	Angled, SC Simplex 12 Port, No. 1-12, Right	7940031319
FCP ANG CPLR SC SIM 12PT13-24R	Angled, SC Simplex 12 Port, No. 13-24, Right	7940031320
FCP CPLR SC SIM 12PT	Flat, SC Simplex 12 Port	7940031321
FCP ANG CPLR SC SIM 6PT	Angled, SC Simplex 6 Port	7940031322
FCP CPLR SC SIM 6 PT	Flat, SC Simplex 6 Port	7940031323
FCP ANG CPLR ST SIM 12PT	Angled, ST Simplex 12 Port	7940031324
FCP CPLR ST SIM 12PT	Flat, ST Simplex 12 Port	7940031325
FCP CPLR ST SIM 6 PT	Flat, ST Simplex 6 Port	7940031326
FCP CPLR SPH W BOX ST SIM 12PT	Flat, for Wallbox, ST Simplex 12 Port	7940031327
FCP CPLR SPH W BOX SC DUP 6PT	Flat, for Wallbox, SC Duplex 6 Port	7940031328

FCP SC
Thru Adapters

- SC Thru Adapters
- Insert directly into Weidmuller coupler panels
- Thru connection of fibre terminations to patch cables
- Multimode or Singlemode variants
- Duplex or Simplex options
- Straight or Angled Options

Description	Type	Order No.
FCP SC MM DUPLEX BEIGE	SC Multimode Duplex - Beige	7940031329
FCP SC SM DUPLEX BLUE	SC Singlemode Duplex - Blue	7940031330
FCP SC MM OM3 DUPLEX AQUA	SC Multimode OM3 Duplex - Aqua	7940031331
FCP SC MM SIMPLEX BEIGE	SC Multimode Simplex - Beige	7940031332
FCP SC SM SIMPLEX BLUE	SC Singlemode Simplex - Blue	7940031333
FCP SCA (SC ANG) SM DUP GREEN	SCA (SC Angled) Singlemode Duplex - Green	7940031334
FCP SCA (SC ANG) SM SIM GREEN	SCA (SC Angled) Singlemode Simplex - Green	7940031335

FCP ST
Thru Adapters

- ST Thru-Adapters
- Insert directly into Weidmuller coupler panels
- Thru connection of fibre terminations to patch cables
- Multimode or singlemode variants
- Metal body

Description	Type	Order No.
FCP ST MM SIMPLEX METAL BODY	ST Multimode Simplex - Metal Body	7940031336
FCP ST SM SIMPLEX METAL BODY	ST Singlemode Simplex - Metal Body	7940031337

Fibre Patching and Marshalling Accessories

FCP LC Thru Adapters

- LC Thru Adapters
- Insert directly into Weidmuller coupler panels
- Thru connection of fibre terminations to patch cables
- Multimode or Singlemode variants

Description	Type	Order No.
FCP LC MM DUP SC SIM HOLE BEIGE	LC Multimode Duplex to SC Simplex Hole, Beige	**7940031338**
FCP LC SM DUP SC SIM HOLE BEIGE	LC Singlemode Duplex to SC Simplex Hole, Beige	**7940031339**
FCP LC MM OM3 DUP SC SIM HOLE AQUA	LC Multimode OM3 Duplex to SC Simplex Hole, Aqua	**7940031340**

FCP Hybrid Thru Adapters

- Hybrid Thru-Adapters for fibre conversion
- Converts SC to ST connections
- Multimode or Singlemode options

Description	Type	Order No.
FCP STSC MM DUPLEX BEIGE	ST-SC Multimode Duplex - Beige	**7940031341**
FCP STSC SM DUPLEX BLUE	ST-SC Singlemode Duplex - Blue	**7940031342**

Singlemode and Multimode Pigtails

- Singlemode SM Pigtails 900µm
- For splicing of fibre within termination enclosures
- Available in 6 pack or 12 pack
- SC, ST or LC fibre connector options
- Yellow or colour-coded options

Fibre	Qty	Colour	SC	ST	LC
Multimode OM1 Pigtails 900µm	6pk	Yellow	**7940031351**	**7940031353**	**7940031355**
Multimode OM1 Pigtails 900µm	12pk	Coded	**7940031352**	**7940031354**	**7940031356**
Multimode OM2 Pigtails 900µm	6pk	Yellow	**7940031357**	**7940031359**	**7940031361**
Multimode OM2 Pigtails 900µm	12pk	Coded	**7940031358**	**7940031360**	**7940031362**
Singlemode SM Pigtails 900µm	6pk	Yellow	**7940031345**	**7940031347**	**7940031349**
Singlemode SM Pigtails 900µm	12pk	Coded	**7940031346**	**7940031348**	**7940031350**

Splice Cassettes

- Splice cassettes complete with lids
- Loose tube clamps incorporated into tray design
- 12 Splice & 24 Splice capacity
- Safely stores up to 24 fusion splices

Type	Description	Order No.
FCP SML W&B SPLICE CASS & LID 12FO	Small Splice Cassette with Lid - 12 Fibre	**7940031343**
FCP LRG W&B SPLICE CASS & LID 24FO	Large Splice Cassette with Lid - 24 Fibre	**7940031344**

Fibre Termination and Installation Equipment

Unicam Fibre Termination Kit

The Unicam Fibre Termination Kit provides a solution for quick, effective and easy to use fibre termination without the need for difficult, time consuming on-site polishing. Using patented technology and pre-polished connectors, Unicam provides an extremely reliable fibre termination.

Fibre Termination Kit

- Unicam Pretium Fibre Termination Kit
- Terminates fibre in the field, quickly and reliably without polishing
- Uses patented factory pre-polished connectors
- Terminations can be made in under 2 minutes
- One Kit will terminate LC, SC and ST connectors
- Convenient carry bag contains all necessary components

Type	Description	Order No.
UNICAM TERM KIT (ST,SC,MTRJ,LC)	FCP UNICAM Fibre Field Termination Kit	**7940030049**

FCP Unicam Connectors

- Pre-polished Unicam connectors
- Ideal for terminating fibre in difficult industrial environments
- Exceptionally fast and simple termination without polishing
- Typical insertion loss of 0.1 dB
- SC, ST and LC connectors available

Description	Connector			
	ST	SC	LC	MTRJ
UNICam Connector for Multimode OM1 fibre	**7940030055**	**7940030056**	**7940030058**	**7940030057**
UNICam Connector for Multimode OM3 fibre	**7940030059**	**7940030060**	**7940030062**	**7940030061**
UNICam Connector for Singlemode fibre	**7940030063**	**7940030064**	**7940030065**	**-**

LAN Diagnostic Equipment

LAN Diagnostic Equipment

Weidmuller's LAN testers provide a simple, quick and comprehensive check on the correct installation of structured ethernet cabling. Testers with diagnostic LED read-outs of specific cable faults are included.

LAN USB Tester

- Includes detachable remote tester
- Manual and Automatic modes
- Includes protective case, leads and battery
- Cable tester for patch cables, coax cables, USB cables and telephone cables
- 1000m testable cable length

Type	Description	Dimensions (mm)	Order No.
LAN USB TESTER	Device for testing ethernet cables for, line interruption, core interruption, short circuits, examination of the twist	65 x 135 x 27	**9205400000**

Cable Tester

- Premium cable tester for network cable testing
- Remote test boxes (recognises up to 9 remotes)
- Tests for line interruption, core interruption, short circuits
- 1000m testable cable length
- 7 Segment Diagnostic display
- Tests for crossed wires, examination of twist

Type	Description	Dimensions (mm)	Order No.
IE-CT	Device for testing ethernet cables for interference voltage, line interruption, core interruption, short circuits, crossed wires, examination of twist	30 x 68 x 23	**8808420000**

LSA Plus Punch Down Tool

Punch Down Tool PDT

- LSA Plus from Krone
- For Awg 20 to AWG 28 conductors

Type	Description	Order No.
Punch Down Tool PDT	Wiring tool for IE-CCM cable connection module	**9013970000**
Accessory: PD Blade	Spare cutter PD LSA	**9014000000**
Accessory: PD Blade	Spare cutter LSA Plus	**9014050000**

Crimp tool for 8 pole, shielded RJ45 plugs

TT 8 RS MP 8

- For AWG 27 to AWG 24 conductors

Type	Description	Order No.
TT 8 RS MP 8	Crimp tool for 8 pole, shielded RJ45 plugs	**9202800000**

Crimping Pliers for IP67 STEADYTEC® Fibre Optic Inserts

IE-CT-SC-GOF

- FO Crimping pliers

Type	Description	Order No.
IE-CT-SC-GOF	Crimping tool for fibre-optic SC/ST and IP67 connectors	**9205320000**
IE-CT-LC-GOF	Crimping tool for fibre-optic LC and IP67 connectors	**9205330000**
IE-CT-SC-POF	Crimping tool for polymer fibre optic SC/ST and IP67 connectors	**9205340000**
IE-CT-SC-GOF-P	Crimping tool for fibre-optic, ProfiNet cable SC/ST and IP67 connectors	**9205350000**
Accessory: IE-CTI-SC-GOF	Interchangeable Insert: SC-GOF	**9205280000**
Accessory: IE-CTI-LC-GOF	Interchangeable Insert: LC-GOF	**9205290000**
Accessory: IE-CTI-SC-POF	Interchangeable Insert: SC-POF	**9205300000**
Accessory: IE-CTI-SC-GOF-P	Interchangeable Insert: SC-GOF-P	**9205310000**

SlimFix Cable Markers

SlimFix Cable Markers

- SlimFix (blank) cable markers, Wemid material (zero-halogen)
- Suitable for printing (e.g. with PrintJet)

Type	Cable	Qty	Order No.
SF	4.7 - 5.8mm	160	**1696130001**
SF	5.8 - 7.0mm	160	**1740870001**
TM-1	18mm for M12	320	**1718431044**

Bulkhead Housing Punches and Dust Caps

RJ45 Dust Cap

- Dust cap RJ45 with finger grip

Type	Description	Order No.
E-DPC	Dust cap for RJ45 with finger grip	**8813490000**

IE-KO-HAT
Manually Operated
Hydraulic Hole Puncher

- To simplify the operation of our three hole-punching tools, please order the manually operated hydraulic puncher IE-KO-HAT.

Type	Description	Order No.
IE-KOK-V1	Punching tool for bulkhead housing variant V01 (metal bayonet)	**1966780000**
IE-KOK-V4	Punching tool for bulkhead housing variant V04 (push-pull plastic)	**1966790000**
IE-KOK-V5	Punching tool for bulkhead housing variant V05 (metal rockstar)	**9204790000**
Accessories: IE-KO-HAT	Manually Operated Hydraulic Hole Puncher	**1966810000**

Stripping Tools

CST

- Stripping tool for round (shielded) data cables of 2.5...8 mm ø
- Specially designed for Ethernet cables
- Strips sheathing and cuts shield in one operation
- Cutter cassette included

Type	Conductor Diameter	Length	Order No.
CST: coaxial and round data cables	2.5 ... 8	100mm	**9204350000**
Accessories: Spare Cutter Cassette			**9204340000**

AM 12

- Cutting of UTP and STP data cables and other flexible copper cables with a diameter of up to 4 mm² (~AWG11)
- Stripping of the outer insulations of UTP and STP data cables and other round cables with ø 0.5 ... 12.5 mm
- No damage to the shielding or conductor due to adjustable stripping blade
- Length gauge for repeated stripping lengths

Type	Conductor Diameter	Length	Order No.
AM 12: UTP and STP data cables	0.5 ... 12.5	97mm	**9030060000**

Overvoltage Protection Modules

DME 100Tx-4RJ

- Ethernet Cat.5 overvoltage module
- Connection via RJ 45 sockets
- Protection for all signal lines
- Suitable for 10BaseTx and 100BaseTx
- PE connection via M4 screw
- Panel Mount

Type	Description	Dimensions H x W x D mm	Order No.
DME 100Tx-4RJ Screw Mount	Max continuos voltage =7V, Gas Discharge Tube, Suppression Diodes, Max discharge current = 2 kA	51 x 64 x 22	**8738780000**

DME 100Tx-4RJTS35

- Ethernet Cat.5 overvoltage module
- Connection via RJ 45 sockets
- Protection for all signal lines
- Suitable for 10BaseTx and 100BaseTx
- PE connection via M4 screw
- TS35 Din Rail Mount

Type	Description	Dimensions H x W x D mm	Order No.
DME 100Tx-4RJ TS35	Max continuos voltage =7V, Gas Discharge Tube, Suppression Diodes, Max discharge current = 2 kA	51 x 64 x 22	**8830230000**

1-Stage Overvoltage Protection Module - JACKPAC®

JPOVP Cat.5 M12

- The overvoltage protection is plugged in to protect the sensitive electronics in the signalling circuit.
- The suppression circuit with varistor suppresses the induced voltage in solenoid valves.
- The PE connection leaves the housing via a separate line. The green/yellow earthing cable must be connected to the system earth to ensure reliable discharge of interference pulses.

Type	Description	Dimensions L x W x H mm	Order No.
JPOVP M12 D-coded	Ethernet Cat. 5	57 x 36 x 14.4	**8805570000**
Accessories: JP Clip M			**8778490000**

JPOVP Cat.6 IP20

- The overvoltage protection is plugged in to protect the sensitive electronics in the signalling circuit.
- The suppression circuit with varistor suppresses the induced voltage in solenoid valves.
- The PE connection leaves the housing via a separate line. The green/yellow earthing cable must be connected to the system earth to ensure reliable discharge of interference pulses.

Type	Description	Dimensions L x W x Hmm	Order No.
JPOVP RJ45 IP20	Ethernet Cat. 6	53 x 36 x 14.4	**8805550000**
Accessories: JP Clip M			**8778490000**

JPOVP Cat.6 IP67

- The overvoltage protection is plugged in to protect the sensitive electronics in the signalling circuit.
- The suppression circuit with varistor suppresses the induced voltage in solenoid valves.
- The PE connection leaves the housing via a separate line. The green/yellow earthing cable must be connected to the system earth to ensure reliable discharge of interference pulses.

Type	Description	Dimensions L x W x H mm	Order No.
JPOVP RJ45 IP67	Ethernet Cat. 6	53 x 36 x 14.4	**8805560000**
Accessories: JP Clip M			**8778490000**

Ecoline Power Supplies

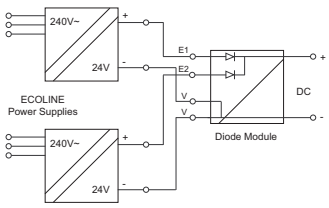
Ecoline Single Phase Power Supplies

- Robust metal housingMounts on TS35 Din Rail
- Output LED power indication
- Adjustable output 24-28Vdc for Voltage Drop Compensation
- Wide range switchable supply input voltage
- Built-in remote status alarm via C/O relay
- Power diode module for parallel connection/redundancy
- Built-in ventilation channel for side by side stacking & no De-rating
- Up to 50% overload protection and auto restart (Power boost 2-5s)
- Local and International Approvals: CTick, CE, UL, CSA

Max. Output Power	Output Current	Output Voltage	Input Voltage	Dimensions (LxWx-Hmm)	Order No.
1-phase					
72W	3 A	24-28 Vdc	85-264Vac/110-370Vdc	110 x 55.5 x 125	8708660000
120W	5 A	24-28 Vdc	88-132Vac/176-264Vac/250-370Vdc	110 x 65.5 x 125	8708670000
240W	10 A	24-28 Vdc	88-132Vac/176-264Vac/250-370Vdc	110 x 125.5 x 125	8708680000
480W	20 A	24-28 Vdc	88-132Vac/176-264Vac/250-370Vdc	110 x 227.5 x 125	8778870000
3-phase					
250W	10 A	24-28 Vdc	3x400Vac/340-575Vac	110 x 125.5 x 125	8708700000
480W	20 A	24-28 Vdc	3x400Vac/340-575Vac	110 x 227.5 x 125	8708710000
960W	40 A	24-28 Vdc	3x400Vac/340-575Vac	125 x 280 x 150	8708730000

Accessories: Ecoline Diode Modules

- Robust metal housing
- Mounts on TS35 Din Rail
- Built-in ventilation channel for side by side stacking & no De-rating
- Local and International Approvals: C Tick, CE, UL, CSA



Type	Output Current	Output Voltage	Input Voltage	Input Current	Dimensions (LxWxHmm)	OrderNo.
CP DM 10	0-20A max or 10A redundancy mode	Vin-0.5typical	40Vdcmax.	2 x 0-10A max.	125x55.5x100	8710620000
CP DM 20	0-40A max or 20A redundancy mode	Vin-0.5 typical	40Vdc max.	2 x 0-20A max.	142x55.5x100	8768650000