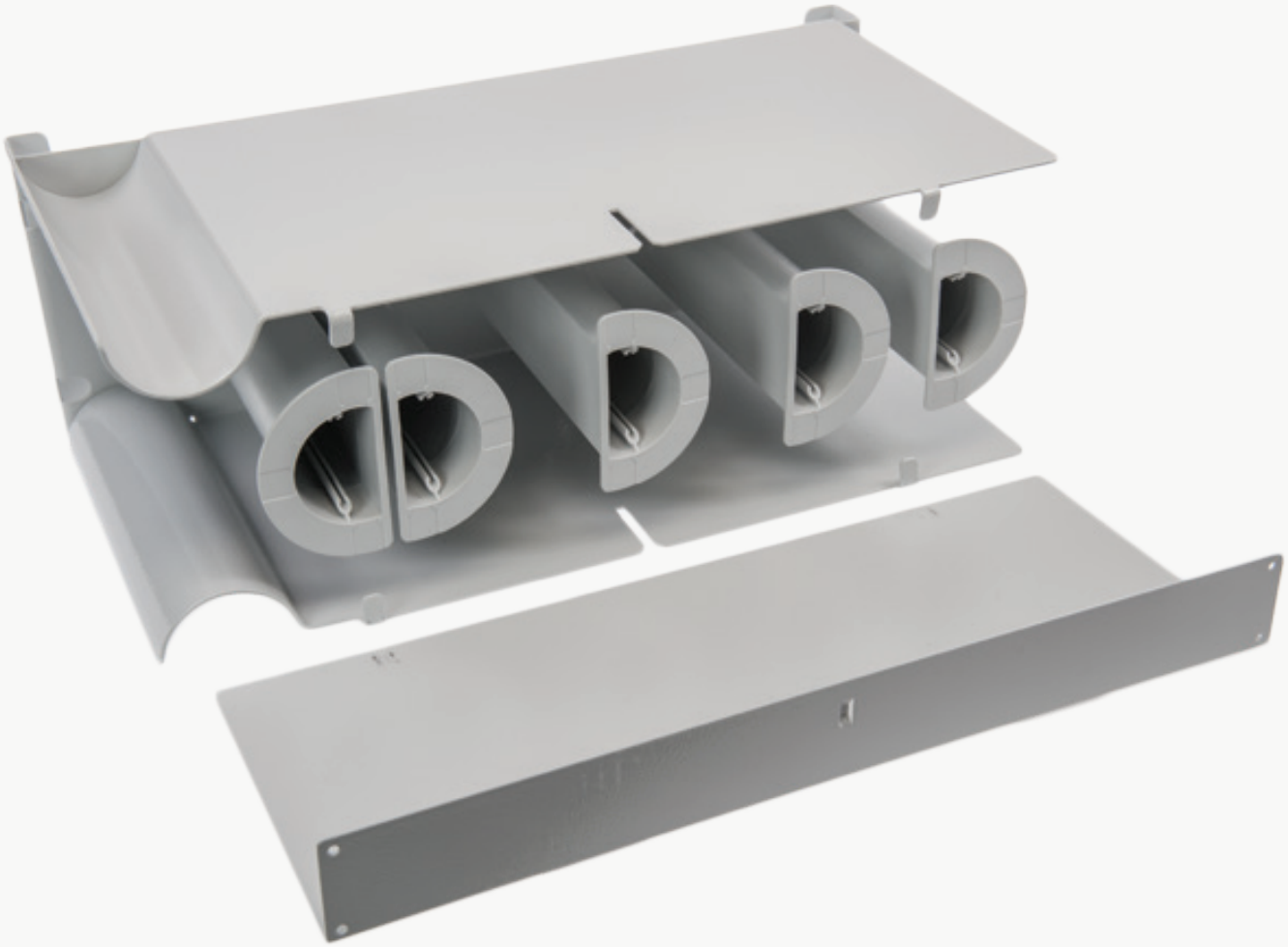
COMMSCOPE®



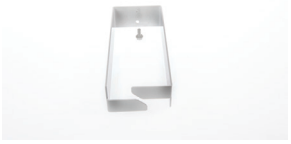
Accessories for FIST racks and shelves

Ordering guide

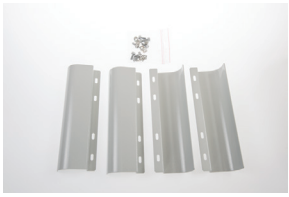
Description

The FIST-GSS2/3, FIST-GPS2/3 and FIST-GMS2 shelves feature FIST fiber management system technology. They mount ETSI (FIST-GR3), 19- or 15-inch racks. Accessories are available for termination of most common cable types, e.g. loose tube, central core, ribbon fiber.

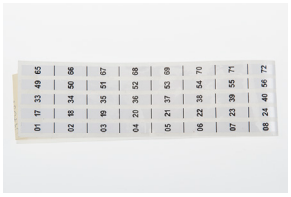
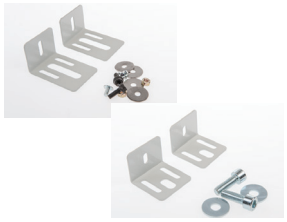
Patch cord management

Description	Ordering number	Kit content
60mm drum for bend control of 218mm; 10 pieces per kit; mounting screws included	FIST-GR2-DRM	
Containment brackets; keeps patch cords together in side duct; mounting hardware included	FIST-GR2-PCBR-10	
Horizontal patch cord management; stores functional overlength of patch cords 19"/metric mounting Height: 175mm (7 ETSI HU) Pigtail capacity: Ø 1.4mm = 6 x 144 fibers; Ø 2.4mm = 6 x 72 fibers 5 half round drums guide patch cords entering from left or right side duct	FIST-GR2-HPM-I	
Horizontal patch cord storage for patch cord overlengths 19"/metric mounting Height: 175mm (7 ETSI HU) Pigtail capacity: Ø 1.4mm =1000m; Ø 2.4mm = 500m 5 drums for either right or left patch cord entrance	FIST-GR2-HPS-I	
Patch cord orientation module to redirect or branch pigtail bundle 19"/metric mounting Height: 5 ETSI HU (125mm) Pigtail capacity: Ø 1.4mm = 500 fibers; Ø 2.4mm = 250 fibers	FIST-GR2-POM-I	
Extended base duct (215mm depth) for 150mm side duct; increases patch cord capacity at bottom of rack; incoming feeder cable must come from top of rack	FIST-GR3-BD-150/215	

Patch cord management (continued)

Description	Ordering number	Kit content
Extended base duct (215mm depth) for 300mm side duct; increases patch cord capacity at bottom of rack; incoming feeder cable must come from top of rack	FIST-GR3-BD-300/215	
Kit to lead jumpers from front to back of rack; required when extended base duct used	FIST-GR3-BD-BTB-600/215	

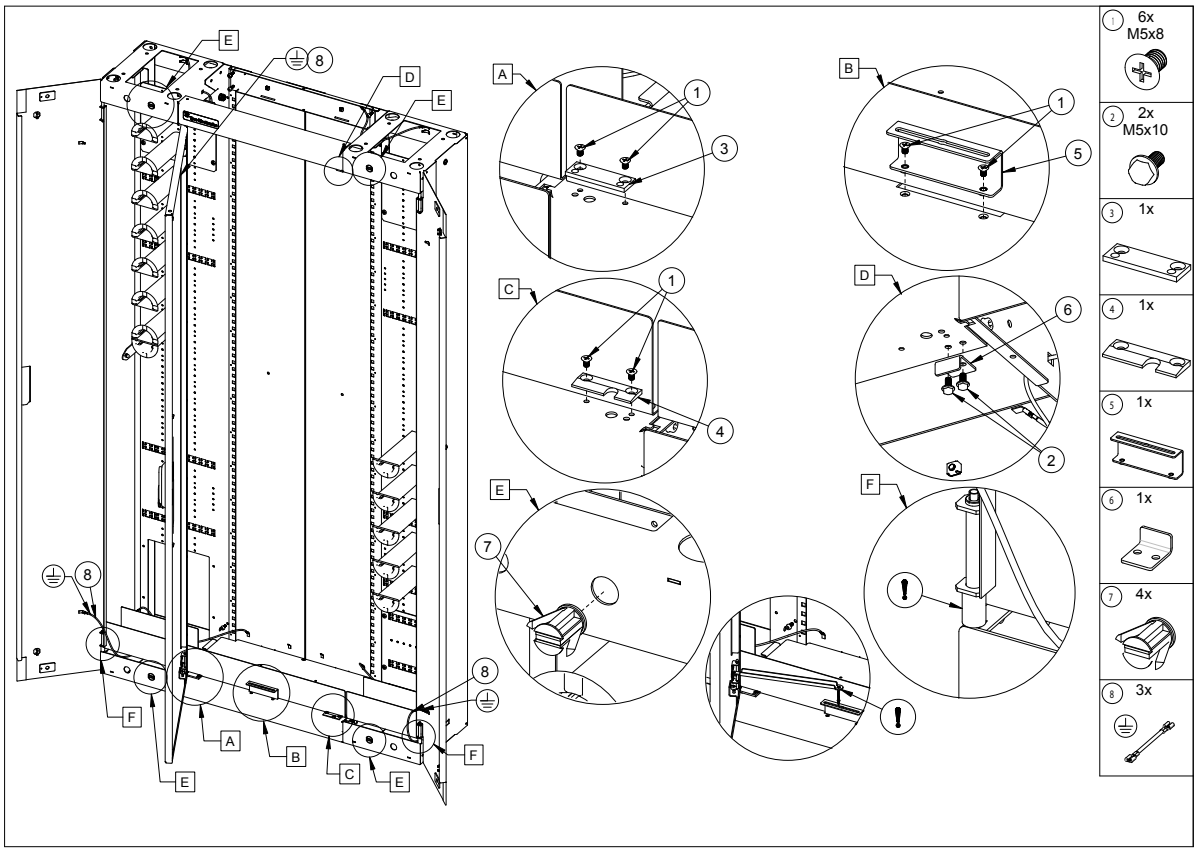
General rack accessories

Description	Ordering number	Kit content
A4 document holder; 10 pieces per kit	FIST-GR2-DOCHOLDER-10	
Door lock; standard key (CommScope1) including 2 locks for side ducts. **Lock for central door included with central door kit**	FIST-GR3-DL2	
Identification ruler labels; placed in rack to identify shelves' positions	FIST-GR3-ID-RUL-1/80-10	
Side by side attachment bracket; allows installation of 2 racks side by side	FIST-GR3-STS	
Back-to-back/wall mounting bracket; allows installation of 2 racks back-to-back or on a wall (included in rack kit)	FIST-GR3-BTB / FIST-GR3-F-BTB	

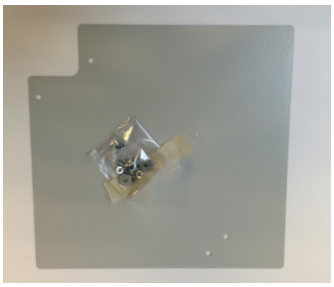
Doors

Description	Ordering number[1]
For FIST-GR3 only	
(1) door for 150mm side duct Width: 150mm Height: 1800/2200mm	FIST-GR3-D-150-**XX**-2
(1) door for 300mm side duct Width: 300mm Height: 1800/2200mm Lock included	FIST-GR3-D-300-**XX**-2
For FIST-GR3 only	
(1) door for 600mm central section Width: 600mm Height: 1800/2200mm Lock included	FIST-GR3-D-600-**XX**-2
For FIST-GR3 only	
(1) door for 450mm central section Width: 450mm Height: 1800/2200mm Lock included	FIST-GR3-D-450-**XX**-2

[1] For height, replace **XX** with 18 = 1800mm; 22 = 2200mm
For 2.6m racks, please contact your CommScope sales representative.



Top covers

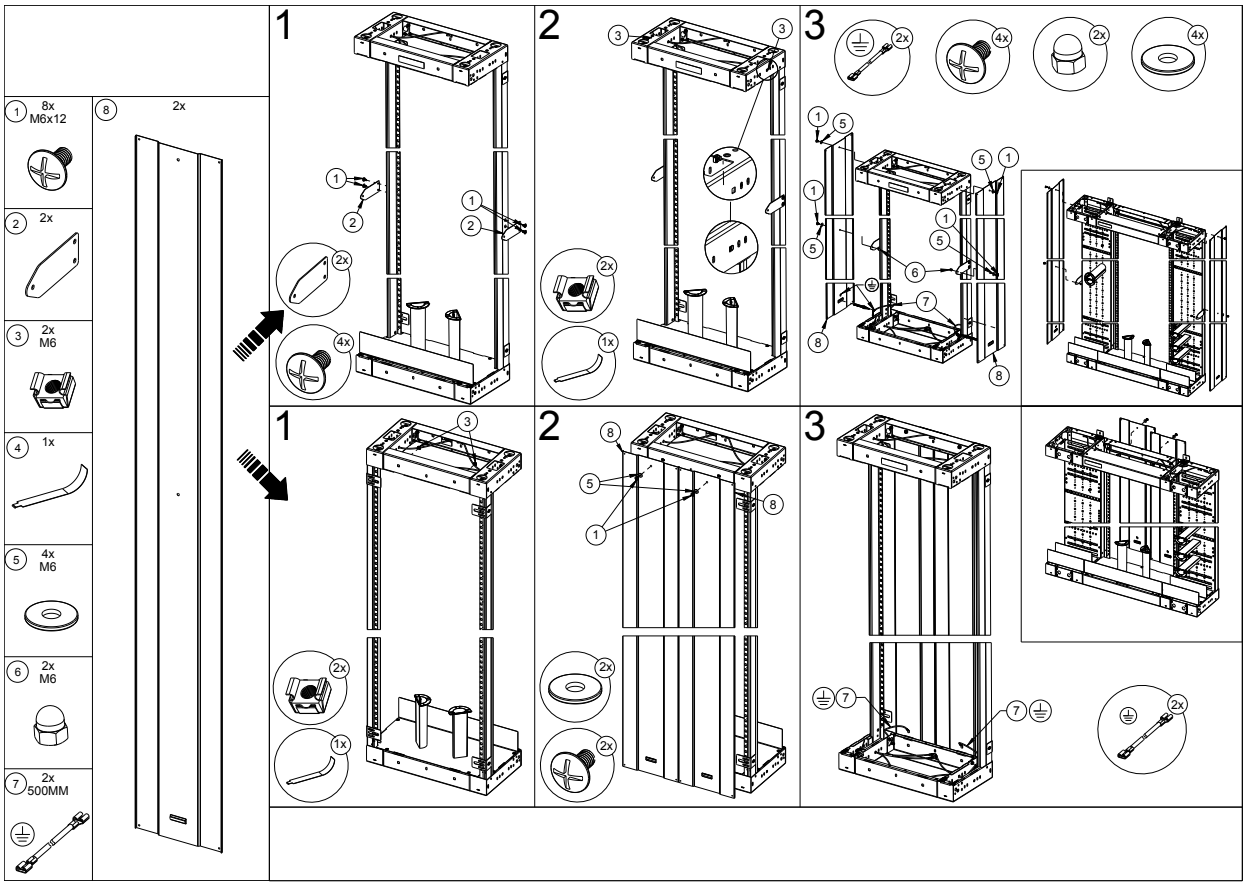
Description	Ordering number	Kit content
For FIST-GR3 & FIST-GR3F racks		
(1) Top cover for standard 150mm side duct Width: 150mm Depth: 300mm	FIST-GR3-T-150	
(1) Top cover for standard 300mm side duct Width: 300mm Depth: 300mm	FIST-GR3-T-300	
(1) Top cover for standard 150mm side duct; **used with depth extension kit** Width: 150mm Depth: 400mm	FIST-GR3-T400-150	
(1) Top cover for standard 300mm side duct; **used with depth extension kit** Width: 300mm Depth: 400mm	FIST-GR3-T400-300	
For FIST-GR3 only		
(1) Top cover for 600mm central section Width: 600mm Depth: 300mm	FIST-GR3-T-600	
(1) Top cover for 600mm central section **used with depth extension kit** Width: 600mm Depth: 400mm	FIST-GR3-T400-600	
For FIST-GR3F only		
(1) Top cover for 450mm central section Width: 450mm Depth: 300mm	FIST-GR3F-T-450	

Panels

- Cover side or back of installed frame
- Mounting accessories and installation instructions included

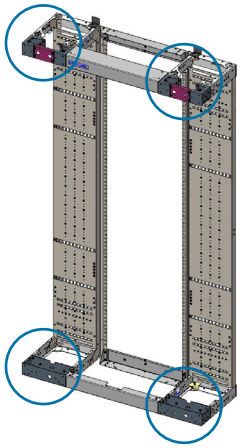
Description	Ordering number[1]
For FIST-GR3 & FIST-GR3F racks	
(2) side or back panels Width: 300 Height: 1800/2200 (Set of 2 panels can be used as back panels for FIST-GR3 to cover the back of 600mm central section)	FIST-GR3-P-300-**XX**
For FIST-GR3 only	
(2) side panels; **used with depth extension kit** Width: 400 Height: 1800/2200	FIST-GR3-P-400-**XX**
FIST-GR3F only	
(1) back panel Width: 450 Height: 1800/2200	FIST-GR3-P-450-**XX**

[1] For height, replace **XX** with 18 = 1800mm; 22 = 2200mm
For 2.6m racks, please contact your CommScope sales representative.



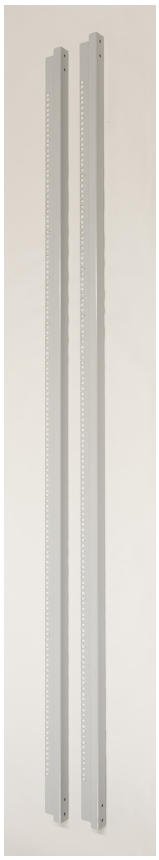
Depth extension kits

- Extends depth of rack from 300mm to 400mm
- Used when mounting active equipment with maximum depth of 400mm
- Used with front mounting profiles (see page 9)

Description			Ordering number	Kit content
For FIST-GR3 only				
Side duct	Central section	Side duct		
150mm	600mm	150mm	FIST-GR3-DEX400-150/150	
150mm	600mm	300mm	FIST-GR3-DEX400-150/300	
300mm	600mm	300mm	FIST-GR3-DEX400-300/300	

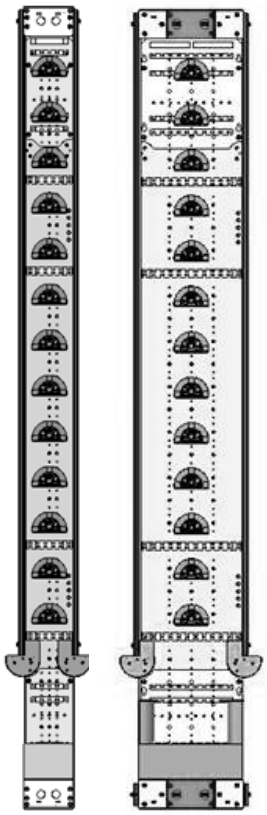
Front mounting profile

- These front mounting brackets only mount on side ducts. They will not mount in the central section and on poles.

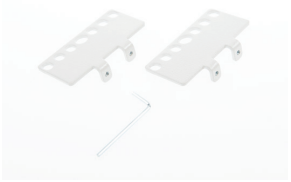
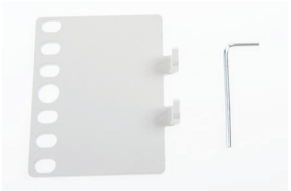
Description	Ordering number	Kit content
For FIST-GR3 only		
For 19" rack spacing, Height: 1800mm	FIST-GR3-FRMT-I-18	
For 19" rack spacing, Height: 2200mm	FIST-GR3-FRMT-I-22	
For metric rack spacing Height 1800mm	FIST-GR3-FRMT-M-18	
For metric rack spacing Height 2200mm	FIST-GR3-FRMT-M-22	

Storage bay

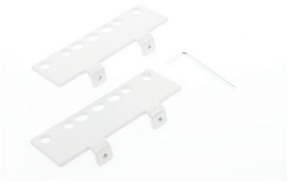
- Stores patch cord overlengths in a line-up

Description	Ordering number	Kit content
FIST-GR3 and FIST-GR3F racks		
Rack Width: 300mm Height: 1800mm	FIST-GR3-SB-300-18-2	
Rack Width: 300mm Height: 2200mm	FIST-GR3-SB-300-22-2	
Rack Width: 150mm Height: 1800mm	FIST-GR3-SB-150-18-2	
Rack Width: 150mm Height: 2200mm	FIST-GR3-SB-150-22-2	

Mounting brackets

Description	Ordering number	Kit content
1HU 19” shelves		
Mount 19” shelf in 19” rack Included in 19” FIST-GPS2 shelf kits	FIST-MB2-1HU	
Mount 19”shelf in 19” rack with ETSI pitch (i.e. FIST-CAB5 and FIST-WR2)	FIST-MB2-1HU-I-(M)	
Mount 19” shelf in ETSI rack Included in 19” FIST-GPS2 shelf kits	FIST-MB2-1HU-M	
2HU 19” shelves		
Mount 19” shelf in 19” rack Included in 19” FIST-GPS2 shelf kits	FIST-MB2-2HU	
Mount 19” shelf in ETSI rack Included in 19” FIST-GPS2 shelf kits	FIST-MB2-2HU-M	
Asymmetrical mounting of 19” shelf in ETSI rack	FIST-MB2-2HU-M-AS	

Mounting brackets (continued)

Description	Ordering number	Kit content
2HU 15” shelves		
Mount 15” shelf in ETSI rack	FIST-ODF-MB-R/IM-AS	
3 and 4HU 19” shelves		
Mount 19” shelf in 19” rack	FIST-MB2-I	
Mount 19” shelf in 23” rack	FIST-MB2-B	
Mount 19” shelf in ETSI rack (Brackets included with FIST shelves)	FIST-MB2-M	
Asymmetrical mounting of 19” shelf in ETSI rack	FIST-MB2-M-AS	
Asymmetrical mounting of 15” shelf in ETSI rack	FIST-ODF-MB2-QT/M-AS	
Asymmetrical mounting of 15” shelf in 19”rack	FIST-ODF-MB2-QT/I-AS	

Adaptation brackets

- Used for mounting shelves and equipment in FIST-GR3 racks
- Use standard mounting brackets (pages x-xx) for FIST-GPS2/3 and FIST-GSS2/3 shelves

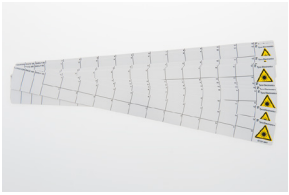
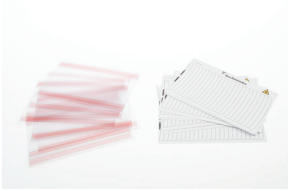
Description	Ordering number	Kit content
3 and 4HU adaptation bracket (for 19" frame) to ETSI mounting bracket	FIST-MB-M	
1HU adaptation bracket (for 19" frame) to ETSI mounting bracket	FIST-MB-M-1HU	
3 and 4HU adaptation bracket (for 19" frame) to ETSI mounting bracket for asymmetrical mounting	FIST-MB-M-AS	
OCSH-R (15" 2HU) adaptation bracket to 19" or ETSI mounting bracket for asymmetrical mounting	FIST-ODF-MB-R/IM-AS	

Loose tube protection/transportation tubes

- Protects loose tube cable

Description		Ordering number	Kit content
Diameter	Length		
10mm	50m	FIST-GS-FLEX-10-50	
12mm	50m	FIST-GS-FLEX-12-50	
17mm	10m	FIST-GS-FLEX-17-10	
Standard for FIST-GR3			
17mm	50m	FIST-GS-FLEX-17-50	
Standard for FIST-GR3			

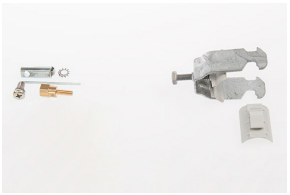
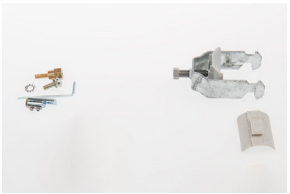
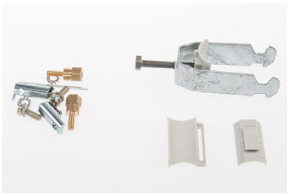
General shelf accessories

Description	Ordering number	Kit content
Storage basket; mounts within shelf and occupies 2 tray spaces; only for FIST-GPS2 shelves with 2HU (89mm) or 3HU (125mm) heights. Can be ordered pre-mounted in FIST-GPS2 shelves (please see separate product sheet)	FIST-GPS2-I-J-PTSTO-KIT	
Identification cards and holders; 10 pieces per kit		
For FIST-GPS2/3 shelves		
44mm (1HU) shelves	FIST-GPS2-1HU-ID-10	
89mm (2HU) shelves	FIST-GPS2-2HU-ID-10	
125mm (3HU) shelves	FIST-GPS2-ID-10	
For FIST-GSS2/3 shelves		
125mm (3HU) shelves	FIST-GSS2-ID-10	

General accessories for racks and shelves

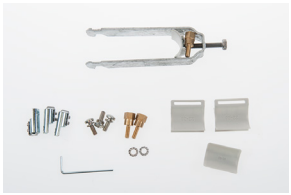
Description	Ordering number	Kit content
Long Allen key: **used to easily back mount shelves in FIST-GR3(F) racks** Diameter: 5mm Length: 350 mm	FACC-ALLEN-KEY-5-350	
Cage nut tool; install and remove cage nuts	FACC-CAGE-NUT-TOOL	
Tube cutter	FACC-TUBE-CUTTER-01	
Tube stripper	FACC-TUBE-STRIPPER-02	
Splice mounting system; mounts splicing machine to rack during splicing	FIST-GR2-SMS-01	

Rack related accessories

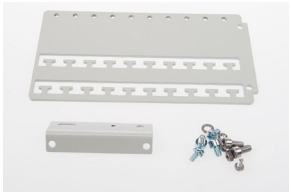
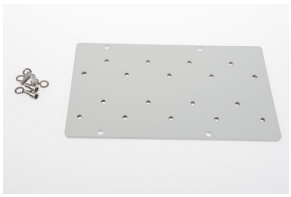
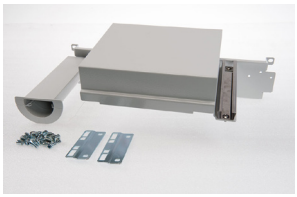
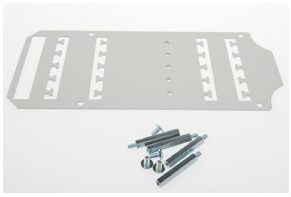
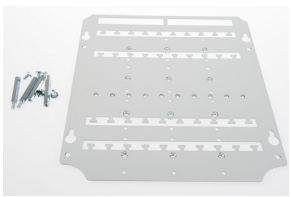
Description			Ordering number	Kit content
Outer cable accessories C-cable clamps				
Number of cables per clamp	**Diameter (min/max)**	**Number of pieces**		
1	8/12mm	1	FIST-GR2-CAA-1-8/12	
1	22/28mm	1	FIST-GR2-CAA-1-22/28	
1	28/34mm	1	FIST-GR2-CAA-1-28/34	
2	12/16mm	1	FIST-GR2-CAA-2-12/16	
2	12/16mm	5	FIST-GR2-CAA-2-12/16-51	
2	12/16mm	11	FIST-GR2-CAA-2-12/16-112	

[1] Used in 150mm side ducts; maximum 5 clamps can be mounted in 150mm FIST-GR3(F) side duct
[2] Used in 300mm side ducts; maximum 11 clamps can be mounted in 300mm FIST-GR3(F) side duct

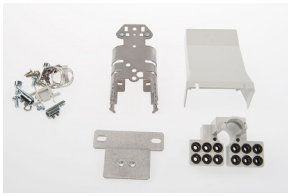
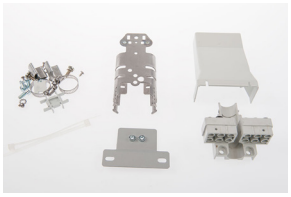
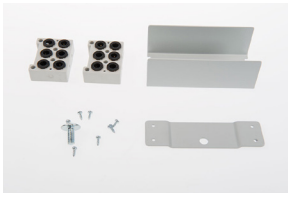
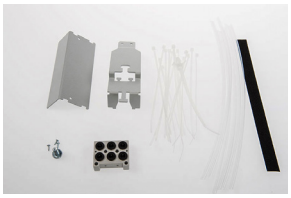
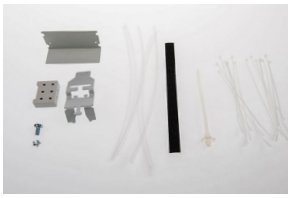
Rack related accessories (continued)

Description			Ordering number	Kit content
Number of cables	Diameter (min/max)	Number of pieces		
2	16/22mm	1	FIST-GR2-CAA-2-16/22	
2	22/28mm	1	FIST-GR2-CAA-2-22/28	
2	28/34mm	1	FIST-GR2-CAA-2-28/34	
3	12/16mm	1	FIST-GR2-CAA-3-12/16	
3	16/22mm	1	FIST-GR2-CAA-3-16/22	
3	22/28mm	1	FIST-GR2-CAA-3-22/28	

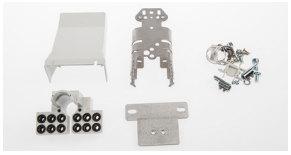
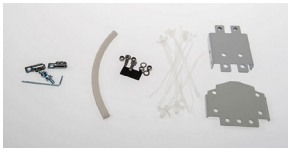
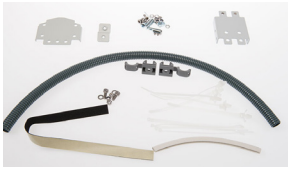
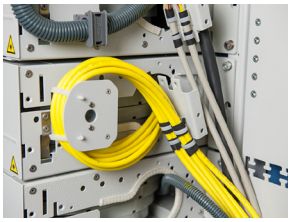
Rack related accessories (continued)

Description	Ordering number	Kit content
Cable attachment plates		
L-cable attachment plate; supports up to 10 IFC or breakout cables; mounts perpendicularly in a side duct	FIST-GR2-BOIC-LPL	
Back plate for 300mm duct; accommodates up to 9 FIST-GR2-BOIC-LPL; mounts flat on the 300mm side duct	FIST-GR2-BOIC-BPL	
Cable plate for IFC and breakout cable; includes L cable attachment plate (FIST-GR2-BOIC-LPL) and 1/6 tube dividers (FIST-GPS2-TD-5mm-3LTA) (3 pieces)	FIST-GR3-BOIC-3TD1/6	
19" cable element management tray; mounts cables horizontally in central section of rack; ETSI mounting brackets included	FIST-GR3-CEMT-I	
Angled cable attachment plate; to be placed inside rack when no cable side duct available	FIST-GR3-CAP-ANG-INT	
Internal extension cable attachment plate		
150mm side duct	FIST-GR3-CAP-150-INT	
300mm side duct	FIST-GR3-CAP-300-INT	

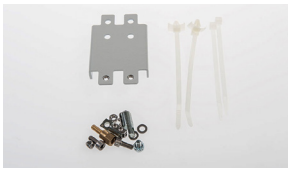
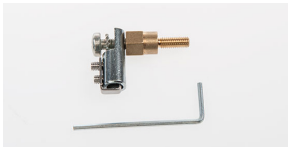
Rack related accessories (continued)

Description	Ordering number	Kit content
Inner cable accessories; mount in side duct next to shelf **Outside plant cables**		
2 (maximum) loose tube ribbon cables; up to 6 tubes of 12-fiber ribbon; strength member Ø: up to 1.5 - 5mm	FIST-GR-CTB100	
2 (maximum) central core cables; strength member Ø: up to 2.5mm	FIST-GR-CTB100-CC	
Tube divider; 6 tubes 5mm in – 6 tubes 5mm out; used to spread (ribbon) fibers over several tubes	FIST-GR-TD-5mm	
Outside plant cable kit shown installed		
Tube divider for back of shelf; used with loose tube cable; 1 tube 17mm in - 6 tubes 5mm out; used to spread fibers over several tubes		
Used only in FIST-GPS2 shelves	FIST-GPS2-TD-5MM-3LTA	
Used only in FIST-GPS2 shelves	FIST-GPS3F-TD-5MM-3LTA	

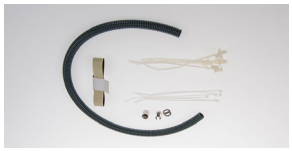
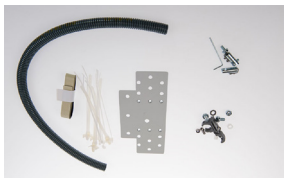
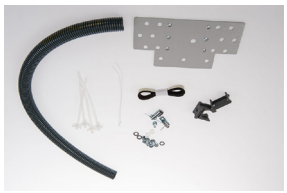
Shelf related accessories

Description	Ordering number	Kit content
Outer cable accessories Universal Side Termination Kits		
Loose tube cable construction; 2 cables from top or bottom		
For FIST-GSS2/3 or GMS2 shelves		
2HU	FIST-GR-CTB100	
3HU/4HU	FIST-UST-3HU-A-A	
For FIST-GPS2/3 shelves		
2HU	FIST-UST-2HU-B-A	
3HU/4HU	FIST-UST-3HU-B-A	
IFC or breakout cable construction; 2 cables from top or bottom		
For FIST-GSS2/3 or FIST-GMS2 shelves		
2HU	FIST-UST-2HU-A-B	
3/4HU	FIST-UST-3HU-A-B	
For FIST-GPS2/3 shelves		
2HU	FIST-UST-2HU-B-B	
3HU/4HU	FIST-UST-3HU-B-B	

Shelf related accessories (continued)

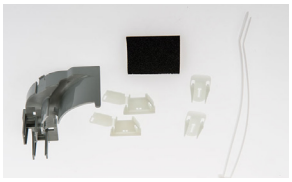
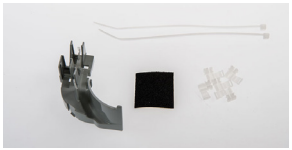
Description	Ordering number	Kit content
Cable extension kit for 2 additional cables on standard plate	FIST-UST-EXKIT-2CA	
Extension plate includes FIST-UST-EXKIT-2CA	FIST-UST-EXPL	
Universal cable termination - central strength member bracket		
6 pieces	FIST-GR2-UCT-06	
12 pieces	FIST-GR2-UCT-12	

Shelf related accessories (continued)

Description		Ordering number	Kit content
Cable termination kits			
Outside plant cable			
For FIST-GSS2/3 shelves			
For single fiber loose tube cables; Includes components for strength member fixation, cable jack fixation onto rack	2 cables (maximum), back termination	FIST-GSS2-CT-BS-2	
	4 cables (maximum), side termination	FIST-GSS2-CT-S-4	
For FIST-GPS2/3 shelves			
For single fiber loose tube calbes; Includes components for strength member fixation, cable jack fixation onto rack, back termination	1HU, 1 cable (maximum)	FIST-CT-1HU-B-1	
	2HU, 2 cables (maximum)	FIST-CT-2HU-B-2	
	3HU, 2 cables (maximum)	FIST-CT-B-2	
Tube divider; placed behind hinge of GPS2 shelf (2HU or 3HU only)		FIST-GPS2-TD-5MM	

Inner cable accessories

For FIST-GSS2/3 shelves

Description		Ordering number	Kit content
IFC, breakout cables and ruggedized pigtails (1.6 to 3.1 mm)			
Provides strain relief to IFC sub-units in cable to splice to pigtails; includes foam and tie-wraps 1 kit per shelf required	GSS2 (19") IFC termination kit	FIST-ITK2	
	GSS3 (15") IFC termination kit	FIST-ITK3	
Aramid yarn termination units			
Capacity: 2 single fiber pigtails (Ø 1.6 -w 3.1 mm)	(4) black termination units	FIST-KTU2	
	(4) black termination units, plus mounting bracket	FIST-PTK2	
	(4) black termination units, plus mounting bracket, plus (1) IFC bracket	FIST-PTK3	
Small-form aramid yarn termination units			
Capacity: 1 single fiber pigtail (Ø 1.6 - 2.4 mm)	(6) white termination units, plus (1) IFC bracket	FIST-SPTK3-6	
	(12) white termination units, plus mounting bracket	FIST-SPTK2-12	
	(100) white termination units	FIST-SF-KTU-(100)	

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