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FIST-GR3 and FIST-GR3F

Next Generation FIST ETSI Racks

All-purpose, easy-to-assemble FIST-GR3 and FIST-GR3F racks accommodate the FIST fiber management system in a central office, head-end or customer premises environment.

Several versions of the rack are available: one series based on the ETSI standard (600 mm wide); and one on the 15-inch standard (450 mm wide). With the addition of side ducts, total width of the rack framework varies between 600 and 1200 mm. Rack heights of 1.8 or 2.2 meters are available. All versions feature flexible shelf spacing and accept a range of accessories such as panels and doors to complete the installation.

Both racks house connector panels and separate shelves for splicing, patching, equipment and devices.

The racks allow superior management and storage of pigtail and patch cord overlengths.

Features

Easy handling

- Compact, efficient packaging means less waste
- Easy to transport, store, handle and install due to compact design
- Universal installation manual (drawings, no words)
- Assembly requires only simple tools allowing faster installations than standard racks

Flexibility

- Compatible with CommScope's FIST-GR2 racks
- Accepts CommScope's FIST-GSS2/ GPS2 and FIST-GSS3/GPS3 shelves
- Depth and width in accordance with ETSI
- ETSI mounting profiles with cage nuts for shelf mounting provided at rear of the rack for optimal access from the front
- Optional units allow horizontal and vertical patch cord management and storage of excess patch cord overlength
- Bend control on all fiber routing

All-Purpose rack

- Structured division and distribution of cable elements
- Wide variety of optional accessories
  - Cable attachment plates incorporated into side duct
  - Easy access to cables, pigtails and jumpers during installation, maintenance and upgrade
  - Easy adaptation to specific applications by changing rack or shelf configuration, as well as routings of pigtails and jumpers
- Various mounting options
  - Wall mounting, stand-alone or multiple side-to-side mounting (optional kit)
  - Back-to-back mounting
- Various rack options to suit all application requirements
  - Different side ducts (150, 300 mm) with drums for proper fiber management
  - Different doors
  - Front mounting options
  - Depth extension kits
  - Overlength storage bays

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Dimensions (mm) and capacity

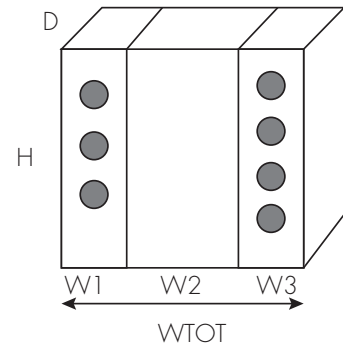| Description	Dimensions				Capacity	
	H[1]	W[2]	D	Height Units (ETSI)[3]	Number of FIST/FOMS Shelves	
FIST-GR3(F)-R-X[2]-18	1800	-	300	64-8=56	11 (3 HUs = 125 mm = 5 ETSI HUs) 16 (2 HUs = 88 mm = 4 ETSI HUs) 28 (1 HU = 44 mm = 2 ETSI HUs)	
FIST-GR3(F)-R-X[2]-22	2200	-	300	80-8=72	14 (3 HUs = 125 mm = 5 ETSI HUs) 20 (2 HUs = 88 mm = 4 ETSI HUs) 36 (1 HU = 44 mm = 2 ETSI HUs)	

[1]   Rack height of 2.6 m possible; for pricing, order quantities and availability, please contact your CommScope sales representative.
[2]   The width (600-1200 mm) depends on the configuration: please contact your CommScope sales representative.
[3]   The base duct included in the rack occupies 8 ETSI HUs. If the base duct is removed, extra shelves can be placed in the rack.

Ordering information
Racks

All racks include:

- 2 side ducts with integrated ETSI mounting profiles:
  manage and house cables, pigtails, patch cords
- Base duct occupies 8 ETSI height units
- Loose drums
- Cable attachment plates and drum plates integrated into management panel
- Wall and back-to-back connection kits
- Earthing kit
- Adjustable feet
- Installation instructions and footprint template
- Rack painted (powder coated) light grey (RAL-7035)

Dimensions (in mm)

	Side Duct (W1)	Central Section (W2)	Side Duct (W3)	Total Width (WTOT)	Height (H)	Depth (D)	Catalog Number[1]
FIST-GR3 racks	0 (pole)	600	0 (pole)	600	1800/2200	300	FIST-GR3-R-0/0-XX-2
	0 (pole)	600	150	750	1800/2200	300	FIST-GR3-R-0/150-XX-2
	0 (pole)	600	300	900	1800/2200	300	FIST-GR3-R-0/300-XX-2
	150	600	150	900	1800/2200	300	FIST-GR3-R-150/150-XX-2
	150	600	300	1050	1800/2200	300	FIST-GR3-R-150/300-XX-2
	300	600	300	1200	1800/2200	300	FIST-GR3-R-300/300-XX-2
FIST-GR3F racks	0 (pole)	450	150	600	1800/2200	300	FIST-GR3F-R-0/150-XX-2
	0 (pole)	450	300	750	1800/2200	300	FIST-GR3F-R-0/300-XX-2
	150	450	150	750	1800/2200	300	FIST-GR3F-R-150/150-XX-2
	150	450	300	900	1800/2200	300	FIST-GR3F-R-150/300-XX-2
	300	450	300	1050	1800/2200	300	FIST-GR3F-R-300/300-XX-2

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

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Doors (dimensions in mm)

		Width	Height	Catalog Number[1]
for both rack styles	(1) door for 150 mm side duct	150	1800/2200	FIST-GR3-D-150-XX-2
	(1) door for 300 mm side duct	300	1800/2200	FIST-GR3-D-300-XX-2
FIST-GR3 only	(1) door for 600 mm central section	600	1800/2200	FIST-GR3-D-600-XX-2
FIST-GR3F only	(1) door for 450 mm central section	450	1800/2200	FIST-GR3F-D-450-XX-2

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

Top covers (dimensions in mm)

		Width	Depth	Catalog Number
for both rack styles	(1) top cover for standard 150 mm side duct	150	300	FIST-GR3-T-150
	(1) top cover for standard 300 mm side duct	300	300	FIST-GR3-T-300
	(1) top cover for standard 150 mm side duct; used with depth extension kit	150	400	FIST-GR3-T400-150
	(1) top cover for standard 300 mm side duct; used with depth extension kit	300	400	FIST-GR3-T400-300
FIST-GR3 only	(1) top cover for 600 mm central section	600	300	FIST-GR3-T-600
	(1) top cover for 600 mm central section; used with depth extension kit	600	400	FIST-GR3-T400-600
FIST-GR3F only	(1) top cover for 450 mm central section	450	300	FIST-GR3F-T-450

Panels (dimensions in mm)

- Used to cover side or back of installed frame
- Mounting accessories and installation instructions included

		Width	Height	Catalog Number[1]
for both rack styles	Set of (2) side or back panels[2]	300	1800/2200	FIST-GR3-P-300-XX
FIST-GR3 only	Set of (2) side panels; used with depth extension kit	400	1800/2200	FIST-GR3-P-400-XX
FIST-GR3F only	Set of (1) back panel	450	1800/2200	FIST-GR3F-P-450-XX

[1] For height, replace XX with 18 for 1800 mm or 22 for 2200 mm
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[2] One set of 2 panels can be used as back panels for the FIST-GR3

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Depth extension brackets (dimensions in mm)

- Extends depth of rack from 300 mm to 400 mm
- Used when mounting active equipment with depth of 400 mm
- Used with front mounting brackets (see below)

	Side Duct	Central Section	Side Duct	Catalog Number
FIST-GR3 only	150	600	150	FIST-GR3-DEX400-150/150
	150	600	300	FIST-GR3-DEX400-150/300
	300	600	300	FIST-GR3-DEX400-300/300

Front mounting brackets (dimensions in mm)

- These front mounting brackets only mount on side ducts. They will not mount in the central section and on poles.
- FIST-GR3 only

	Rack Spacing	Height	Catalog Number
FIST-GR3 only	For 19" rack spacing	1800	FIST-GR3-FRMT-I-18
	For 19" rack spacing	2200	FIST-GR3-FRMT-I-22
	For metric rack spacing	1800	FIST-GR3-FRMT-M-18
	For metric rack spacing	2200	FIST-GR3-FRMT-M-22

Storage bay

- Stores patch cord overlengths in a line-up
- Used with both rack styles

	Rack Width	Height	Catalog Number
for both rack styles	300	1800	FIST-GR3-SB-300-18-2
	300	2200	FIST-GR3-SB-300-22-2

For pricing, order quantity and availability of the 1.8 m storage bay, or for information on a storage bay with rack width of 150 mm, please contact your CommScope sales representative.

For more technical options and order quantity information, please consult the product ordering guides for FIST-GR3, FIST-GR3F, FIST-GSSx/GPSx and FOMS-FPS-HD or your local sales representative.

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