



FACT® Fiber Optic Patch Panel, gray, 1E high, 48-port, singlemode, loaded with LC/APC adapters and pre-cabled yellow indoor micro-tube cable, 75 meters

- Designed for use with the all-purpose all-front-access FIST-GR3 fiber frames supporting up to 2,688 LC or 1,344 SC connections in a single frame
- Reduced installation and maintenance time via the toolless snap-on design supporting both interconnect and cross-connect applications
- Flexible customization enabled by 4 chassis types (patch-only, patch-splice, pre-cabled and splice-only) to support all ODF applications
- High density through the single FACT element height (1E) being 30% less tall compared to the industry standard panel height (1HU)

## Product Classification

<b>Regional Availability</b>	EMEA
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber patch panel, with indoor cable
<b>Product Brand</b>	FACT®
<b>Product Series</b>	FACT

## General Specifications

<b>Functionality</b>	Patching
<b>Application</b>	Compatible with FIST-GR3-style frames
<b>Body Style</b>	Right-hand patch
<b>Cable Stub Type</b>	Indoor, microcable
<b>Color</b>	Gray
<b>Color, front</b>	Gray
<b>Growth Configuration</b>	Fully loaded
<b>Interface, front</b>	LC/APC
<b>Interface, rear</b>	Stub tail
<b>Patch Cord Routing</b>	Right sided
<b>Patching Capacity, maximum</b>	48
<b>Rack Type</b>	EIA 19 in
<b>Rack Units</b>	0.7

# 760254120 | FACT-1ERHPLGS-075CF

<b>Shelf Movement</b>	Sliding
<b>Splicing Type</b>	SMOUV
<b>Total Ports, quantity</b>	48
<b>Transmission Standards</b>	ETSI EN 300 019-1-3   IEC 61300-3-30

## Dimensions

<b>Height</b>	30.95 mm   1.219 in
<b>Width</b>	524 mm   20.63 in
<b>Depth</b>	283 mm   11.142 in
<b>Cable Length</b>	300 m   984.252 ft

## Ordering Tree

FACT- **1** **2** **3** **4** **5** **6**  
**XX** **X** **H** **P** **XX** **X** - **XXX** **XX**

<b>Element count</b>	<b>1</b>	<table border="1"> <tr><td>1E</td><td>One element</td></tr> <tr><td>2E</td><td>Two elements</td></tr> <tr><td>3E</td><td>Three elements</td></tr> <tr><td>4E</td><td>Four elements</td></tr> <tr><td>5E</td><td>Five elements</td></tr> <tr><td>6E</td><td>Six elements</td></tr> </table>	1E	One element	2E	Two elements	3E	Three elements	4E	Four elements	5E	Five elements	6E	Six elements																		
1E	One element																															
2E	Two elements																															
3E	Three elements																															
4E	Four elements																															
5E	Five elements																															
6E	Six elements																															
<b>Patch cord side</b>	<b>2</b>	<table border="1"> <tr><td>L</td><td>Left-hand patch</td></tr> <tr><td>R</td><td>Right-hand patch</td></tr> </table>	L	Left-hand patch	R	Right-hand patch																										
L	Left-hand patch																															
R	Right-hand patch																															
<b>Adaptor/connector types, Port count</b>	<b>3</b>	<table border="1"> <tr><td>S1</td><td>SC UPC, C-grade, 24 ports per element</td></tr> <tr><td>S2</td><td>SC APC 8°, C-grade, 24 ports per element</td></tr> <tr><td>SF</td><td>SC UPC, B-grade, 24 ports per element</td></tr> <tr><td>SG</td><td>SC APC 8°, B-grade, 24 ports per element</td></tr> <tr><td>S4</td><td>SC OM4, 24 ports per element</td></tr> <tr><td>L1</td><td>LC UPC, C-grade, 48 single LC ports per element</td></tr> <tr><td>L2</td><td>LC APC, C-grade, 48 single LC ports per element</td></tr> <tr><td>LF</td><td>LC UPC, B-grade, 48 single LC ports per element</td></tr> <tr><td>LG</td><td>LC APC, B-grade, 48 single LC ports per element</td></tr> <tr><td>L4</td><td>LC OM4, 48 single LC ports per element</td></tr> </table>	S1	SC UPC, C-grade, 24 ports per element	S2	SC APC 8°, C-grade, 24 ports per element	SF	SC UPC, B-grade, 24 ports per element	SG	SC APC 8°, B-grade, 24 ports per element	S4	SC OM4, 24 ports per element	L1	LC UPC, C-grade, 48 single LC ports per element	L2	LC APC, C-grade, 48 single LC ports per element	LF	LC UPC, B-grade, 48 single LC ports per element	LG	LC APC, B-grade, 48 single LC ports per element	L4	LC OM4, 48 single LC ports per element										
S1	SC UPC, C-grade, 24 ports per element																															
S2	SC APC 8°, C-grade, 24 ports per element																															
SF	SC UPC, B-grade, 24 ports per element																															
SG	SC APC 8°, B-grade, 24 ports per element																															
S4	SC OM4, 24 ports per element																															
L1	LC UPC, C-grade, 48 single LC ports per element																															
L2	LC APC, C-grade, 48 single LC ports per element																															
LF	LC UPC, B-grade, 48 single LC ports per element																															
LG	LC APC, B-grade, 48 single LC ports per element																															
L4	LC OM4, 48 single LC ports per element																															
<b>Cable type</b>	<b>6</b>	<table border="1"> <tr><td>ID</td><td>24 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca</td></tr> <tr><td>IF</td><td>48 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca</td></tr> <tr><td>IG</td><td>72 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca</td></tr> <tr><td>IK</td><td>96 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca</td></tr> <tr><td>IH</td><td>144 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca</td></tr> <tr><td>CD</td><td>24 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca</td></tr> <tr><td>CF</td><td>48 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca</td></tr> <tr><td>CG</td><td>72 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca</td></tr> <tr><td>CK</td><td>96 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca</td></tr> <tr><td>CH</td><td>144 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca</td></tr> <tr><td>OD</td><td>24 fiber In/Outdoor Microsheath Breakout cable, G657A1, black, EN50575 CPR Cable EuroClass Dca</td></tr> <tr><td>OF</td><td>48 fiber In/Outdoor Microsheath cable, G657A1, black, EN50575 CPR Cable EuroClass Dca</td></tr> <tr><td>OG</td><td>72 fiber In/Outdoor Microsheath cable, G657A1, black, EN50575 CPR Cable EuroClass Dca</td></tr> <tr><td>OK</td><td>96 fiber In/Outdoor Microsheath cable (SM = black), G657A1, black, EN50575 CPR Cable EuroClass Dca</td></tr> <tr><td>OH</td><td>144 fiber In/Outdoor Microsheath cable (SM = black), G657A1, black, EN50575 CPR Cable EuroClass Dca</td></tr> </table> <p>Note: Cable fiber count needs to match the FACT-chassis port count</p>	ID	24 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca	IF	48 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca	IG	72 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca	IK	96 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca	IH	144 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca	CD	24 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca	CF	48 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca	CG	72 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca	CK	96 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca	CH	144 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca	OD	24 fiber In/Outdoor Microsheath Breakout cable, G657A1, black, EN50575 CPR Cable EuroClass Dca	OF	48 fiber In/Outdoor Microsheath cable, G657A1, black, EN50575 CPR Cable EuroClass Dca	OG	72 fiber In/Outdoor Microsheath cable, G657A1, black, EN50575 CPR Cable EuroClass Dca	OK	96 fiber In/Outdoor Microsheath cable (SM = black), G657A1, black, EN50575 CPR Cable EuroClass Dca	OH	144 fiber In/Outdoor Microsheath cable (SM = black), G657A1, black, EN50575 CPR Cable EuroClass Dca
ID	24 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca																															
IF	48 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca																															
IG	72 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca																															
IK	96 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca																															
IH	144 fiber Indoor Micro-Tube cable, SM G657A1 = yellow; OM4 = Aqua, EN50575 CPR Cable EuroClass Dca																															
CD	24 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca																															
CF	48 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca																															
CG	72 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca																															
CK	96 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca																															
CH	144 fiber Indoor Micro-Tube cable, Fiber: G657A1, Yellow jacket, EN50575 CPR Cable EuroClass Cca																															
OD	24 fiber In/Outdoor Microsheath Breakout cable, G657A1, black, EN50575 CPR Cable EuroClass Dca																															
OF	48 fiber In/Outdoor Microsheath cable, G657A1, black, EN50575 CPR Cable EuroClass Dca																															
OG	72 fiber In/Outdoor Microsheath cable, G657A1, black, EN50575 CPR Cable EuroClass Dca																															
OK	96 fiber In/Outdoor Microsheath cable (SM = black), G657A1, black, EN50575 CPR Cable EuroClass Dca																															
OH	144 fiber In/Outdoor Microsheath cable (SM = black), G657A1, black, EN50575 CPR Cable EuroClass Dca																															
<b>Cable length</b>	<b>5</b>	<table border="1"> <tr><td>010</td><td>10 m (33 ft.)</td><td>100</td><td>100 m (328 ft.)</td></tr> <tr><td>020</td><td>20 m (66 ft.)</td><td>150</td><td>150 m (492 ft.)</td></tr> <tr><td>030</td><td>30 m (98 ft.)</td><td>200</td><td>200 m (656 ft.)</td></tr> <tr><td>050</td><td>50 m (164 ft.)</td><td>250</td><td>250 m (820 ft.)</td></tr> <tr><td>075</td><td>75 m (246 ft.)</td><td>300</td><td>300 m (984 ft.)</td></tr> </table>	010	10 m (33 ft.)	100	100 m (328 ft.)	020	20 m (66 ft.)	150	150 m (492 ft.)	030	30 m (98 ft.)	200	200 m (656 ft.)	050	50 m (164 ft.)	250	250 m (820 ft.)	075	75 m (246 ft.)	300	300 m (984 ft.)										
010	10 m (33 ft.)	100	100 m (328 ft.)																													
020	20 m (66 ft.)	150	150 m (492 ft.)																													
030	30 m (98 ft.)	200	200 m (656 ft.)																													
050	50 m (164 ft.)	250	250 m (820 ft.)																													
075	75 m (246 ft.)	300	300 m (984 ft.)																													
<b>Splice holder/protector</b>	<b>4</b>	<table border="1"> <tr><td>S</td><td>SMOUV</td></tr> <tr><td>A</td><td>ANT</td></tr> </table>	S	SMOUV	A	ANT																										
S	SMOUV																															
A	ANT																															

\* Single mode connector performance grades B & C according to IEC 61755-1.

## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A1
<b>Performance Grade</b>	Superior B grade
<b>Insertion Loss, maximum</b>	0.25 dB
<b>Return Loss, minimum</b>	60 dB

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>EN50575 CPR Cable EuroClass</b>	Cca
<b>Flammability Rating</b>	UL 94 V-0

## Packaging and Weights

<b>Included</b>	Mounting hardware
<b>Packaging quantity</b>	1

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## \* Footnotes

<b>Performance Grade</b>	Guarantee to meet IEC 61755-1 Random Mating requirement
--------------------------	---