# 760244245 | FACT-3ERHPL1S-1000H



FACT® Fiber Optic Pre-cabled Chassis, gray, 3E high, 144-port, singlemode, loaded with LC/UPC adapters and pre-cabled black indoor /outdoor micro-sheath cable, 100 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

Regional Availability	EMEA
Portfolio	CommScope®
Product Type	Fiber patch chassis, with indoor cable
Product Brand	FACT®
Product Series	FACT
General Specifications	
Functionality	Patching
Application	Compatible with FIST-GR3-style frames
Body Style	Right-hand patch
Cable Stub Type	Indoor/outdoor, microcable
Color	Gray
Growth Configuration	Fully loaded
Interface, front	LC/UPC
Patch Cord Routing	Right sided
Rack Type	EIA 19 in
Rack Units	2.1
Shelf Movement	Sliding
Splicing Type	SMOUV
Total Ports, quantity	144

Page 1 of 3

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ETSI EN 300 019-1-3 | IEC 61300-3-30

92.85 mm | 3.656 in

524 mm | 20.63 in

283 mm | 11.142 in

100 m | 328.084 ft

#### **Transmission Standards**

#### Dimensions

Height

Width

Depth

**Cable Length** 

### Ordering Tree

2   L   Left-hand patch     2   R   Right-hand patch     daptor/connector types, Port count   6   CF   48 fiber Indoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass C     st   SC UPC, C-grade, 24 ports per element   6   CG   72 fiber Indoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass C     st   SC UPC, C-grade, 24 ports per element   96 fiber Indoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass C     st   SC UPC, B-grade, 24 ports per element   00   24 fiber Indoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass C     st   SC OPC, 8-grade, 24 ports per element   00   24 fiber In/Outdoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass Dca     st   SC OM4, 24 ports per element   00   24 fiber In/Outdoor Microsheath cable, EN50575 CPR Cable EuroClass Dca     st   SC OM4, 24 ports per element   06   72 fiber In/Outdoor Microsheath cable, EN50575 CPR Cable EuroClass Dca     st   SC OM4, 24 ports per element   06   72 fiber In/Outdoor Microsheath cable, EN50575 CPR Cable EuroClass Dca     st   LC UPC, G-grade, 48 single LC ports per element   06   72 fiber In/Outdoor Microsheath cable, G657A1, black, EN50575 CPR Cable EuroClass Dca     st   LC UPC, B-grade, 48 single LC ports per element<				e type	Cab		
2E   Two elements     3E   Three elements     3E   Three elements     3E   Five elements     3E   Left-hand patch     2E   R Right-hand patch     2A   SC UPC, C-grade, 24 ports per element     3E   SC UPC, C-grade, 24 ports per element     3E   SC APC 8°, C-grade, 24 ports per element     3E   SC APC 8°, B-grade, 24 ports per element     3E   SC OPC, C-grade, 24 ports per element     3E   SC APC 8°, B-grade, 24 ports per element     3E   SC OPC, C-grade, 48 single LC     3E   SC OPC, C-grade, 48 single LC     3E   LC UPC, B-grade, 48 sing	G657A1 = yellow; roClass Dca	e cable, SM G6574 PR Cable EuroClass	fiber Indoor Micro-Tul 14 = Aqua, EN50575 (	ID			
3E   Three elements     4E   Four elements     5E   Five elements     5E   Five elements     6E   Six elements     atch cord side   2     2   L     R   Right-hand patch     cdaptor/connector types, Port count   Cr     3S   SC UPC, C-grade, 24 ports per element     sci   SC UPC, B-grade, 24 ports per element     SG   SC APC 8°, C-grade, 24 ports per element     SG   SC APC 8°, B-grade, 24 ports per element     S4   SC OMA, 24 ports per element     S6   SC CMC, G-grade, 48 single LC     OH   144 fiber In/Outdoor Microsheath cable, Else Cable EuroClass Dca     OK   96 fiber In/Outdoor Microsheath cable, ElsoGS73 CPR Cable EuroClass Dca	G657A1 = yellow;	e cable, SM G657	fiber Indoor Micro-Tu	IF			
4E   Four elements     5E   Five elements     6E   Six elements     atch cord side   IM     2   L     R   Right-hand patch     daptor/connector types, Port count   24 fiber Indoor Micro-Tube cable, Fiber jacket, ENS0575 CPR Cable EuroClass C     cdaptor/connector types, Port count   51     SC UPC, C-grade, 24 ports per element   52     SS C UPC, B-grade, 24 ports per element   144 fiber Indoor Micro-Tube cable, Fiber jacket, ENS0575 CPR Cable EuroClass C     SG   SC UPC, B-grade, 24 ports per element   52     SC UPC, B-grade, 24 ports per element   144 fiber Indoor Micro-Tube cable, Fiber jacket, ENS0575 CPR Cable EuroClass C     SG   SC UPC, B-grade, 24 ports per element   53     SG   SC UPC, B-grade, 24 ports per element   54     SG   SC OM4, 24 ports per element   55     SI   CUC C, C-grade, 48 single LC ports per element   54     SC   LC APC, C-grade, 48 single LC ports per element   55     LC APC, B-grade, 48 single LC ports per element   56   575 CPR Cable EuroClass Dca     OH   144 fiber In/Outdoor Microsheath cable, G657A1, black, ENS0575 CPR Cable EuroClass Dca     OH <t< td=""><td>G657A1 = vellow</td><td>e cable SM G657</td><td>fiber Indoor Micro-Tul</td><td>IG</td><th></th><td></td><td></td></t<>	G657A1 = vellow	e cable SM G657	fiber Indoor Micro-Tul	IG			
31   Five elements     6E   Six elements     atch cord side   144 fiber Indoor Micro-Tube cable, SM     2   L   Left-hand patch     R   Right-hand patch   24 fiber Indoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass C     daptor/connector types, Port count   55   SC UPC, C-grade, 24 ports per element     S2   SC APC 8°, C-grade, 24 ports per element   144 fiber Indoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass C     S4   SC OM4, 24 ports per element   144 fiber Indoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass C     S4   SC OM4, 24 ports per element   144 fiber Indoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass C     S4   SC OM4, 24 ports per element   144 fiber Indoor Micro-Tube cable, Fiber jacket, EN50575 CPR Cable EuroClass C     S4   SC OM4, 24 ports per element   10   24 fiber In/Outdoor Microsheath cable, EN50575 CPR Cable EuroClass C     S4   SC OM4, 24 ports per element   10   148 fiber In/Outdoor Microsheath cable, EN50575 CPR Cable EuroClass C     S4   SC OM4, 24 ports per element   144 fiber In/Outdoor Microsheath cable, EN50575 CPR Cable EuroClass Ca     S4   SC OM4, 24 ports per element   10   144 fiber In/Outdoor Microsheath cable, En50575 CPR Cable EuroClass Ca<	G657A1 = yellow;	e cable, SM G657	fiber Indoor Micro-Tu	IK			
atch cord side     2   L   Left-hand patch     2   R   Right-hand patch     daptor/connector types, Port count   G   24 fiber Indoor Micro-Tube cable, Fiber jacket, ENS0575 CPR Cable EuroClass C     G   G   72 fiber Indoor Micro-Tube cable, Fiber jacket, ENS0575 CPR Cable EuroClass C     G   G   72 fiber Indoor Micro-Tube cable, Fiber jacket, ENS0575 CPR Cable EuroClass C     S1   SC UPC, C-grade, 24 ports per element   96 fiber Indoor Micro-Tube cable, Fiber jacket, ENS0575 CPR Cable EuroClass C     S2   SC APC 8°, C-grade, 24 ports per element   0D   24 fiber Indoor Micro-Tube cable, Fiber jacket, ENS0575 CPR Cable EuroClass C     S4   SC OM4, 24 ports per element   0D   24 fiber In/Outdoor Microsheath cable, ENS0575 CPR Cable EuroClass Dca     S4   SC OM4, 24 ports per element   0G   72 fiber In/Outdoor Microsheath cable, ENS0575 CPR Cable EuroClass Dca     S4   SC OM4, 24 ports per element   0G   72 fiber In/Outdoor Microsheath cable, ENS0575 CPR Cable EuroClass Dca     S4   LC UPC, G-grade, 48 single LC ports per element   0G   72 fiber In/Outdoor Microsheath cable, E05771, black, ENS0575 CPR Cable EuroClass Dca     S4   LC APC, G-grade, 48 single LC ports per element   0H   144 fiber In/Outdoor Microsheath cable, E05771, black, ENS0575 CPR						5352 FOIL 21	
L   Left-hand patch     R   Right-hand patch     daptor/connector types, Port count     S1   SC UPC, C-grade, 24 ports per element     S2   SC APC 8°, C-grade, 24 ports per element     S4   SC UPC, G-grade, 24 ports per element     S6   SC APC 8°, C-grade, 24 ports per element     S6   SC APC 8°, C-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC OM4, 24 ports per element     S6   SC OM4, 24 ports per element     S6   L L C APC, C-grade, 48 single LC ports per element     S6   L C APC, B-grade, 48 single LC ports per element     S6   L C APC, B-grade, 48 single LC ports per element     S6   L C APC, B-grade, 48 single LC	r: G657A1, Yellow	e cable, Fiber: G65	fiber Indoor Micro-Tul			de	atch cord :
K   Right-hand patch     gatet, ENS0575 CPR Cable EuroClass C     gatet EuroClass C <td>Cca</td> <td>le EuroClass Cca</td> <td>ket, EN50575 CPR Cat</td> <td>CD .</td> <th></th> <td>Left-hand patch</td> <td>L</td>	Cca	le EuroClass Cca	ket, EN50575 CPR Cat	CD .		Left-hand patch	L
Japtor/connector types, Port count     S1   SC UPC, C-grade, 24 ports per element     S2   SC APC 8°, C-grade, 24 ports per element     S4   SC UPC, B-grade, 24 ports per element     S4   SC OM2, 24 ports per element     S6   LC UPC, C-grade, 48 single LC ports per element     S6   LC UPC, C-grade, 48 single LC ports per element     S6   LC UPC, B-grade, 48 single LC ports per element     S6   LC UPC, B-grade, 48 single LC ports per element     S6   LC APC, B-grade, 48 single LC ports per element     S6   LC APC, B-grade, 48 single LC ports per element     S6   LC APC, B-grade, 48 single LC	r: G657A1, Yellow Cca	le EuroClass Cca	tiber Indoor Micro-Tu ket, EN50575 CPR Cat	CF		Right-hand patch	R
S1   element     S2   SC APC 8°, C-grade, 24 ports per element     S4   SC MPC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 48 single LC ports per element     L2   LC APC, C-grade, 48 single LC ports per element     L6   LC UPC, B-grade, 48 single LC ports per element     L6   LC APC, B-grade, 48 single LC	r: G657A1, Yellow Cca	e cable, Fiber: G65 le EuroClass Cca	fiber Indoor Micro-Tul ket, EN50575 CPR Cat	CG	6	nector types, Port count	daptor/co
S2   SC APC 8°, C-grade, 24 ports per element     S4   SC OPC, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC APC 8°, B-grade, 24 ports per element     S6   SC OMA, 24 ports per element     S6   SC OMA, 24 ports per element     S6   SC OMA, 24 ports per element     S6   L C UPC, C-grade, 48 single LC ports per element     S7   L C UPC, C-grade, 48 single LC ports per element     S6   L C UPC, B-grade, 48 single LC ports per element     S7   L C UPC, B-grade, 48 single LC ports per element     S6   L C UPC, B-grade, 48 single LC ports per element     S6   L C APC, B-grade, 48 single LC ports per element     S6   L C APC, B-grade, 48 single LC ports per element     S6   L C APC, B-grade, 48 single LC ports per element     S7   L C APC, B-grade, 48 single LC ports per element     S6   L C APC, B-grade, 48 single LC ports per element     S6   L C APC, B-grade, 48 single LC ports per element     S6   L C APC, B-grade, 48 single LC ports per element     S6 <td>r: G657A1, Yellow</td> <td>e cable, Fiber: G65</td> <td>fiber Indoor Micro-Tu ket EN50575 CPR Cal</td> <td>СК</td> <th></th> <td></td> <td>51</td>	r: G657A1, Yellow	e cable, Fiber: G65	fiber Indoor Micro-Tu ket EN50575 CPR Cal	СК			51
3F   element     SG   SC APC 8% B-grade, 24 ports per element     S4   SC OM4, 24 ports per element     S6   SC APC, G-grade, 48 single LC ports per element     S6   LC UPC, C-grade, 48 single LC ports per element     S6   LC UPC, B-grade, 48 single LC ports per element     S6   LC UPC, B-grade, 48 single LC ports per element     S6   LC UPC, B-grade, 48 single LC ports per element     S6   LC APC, B-grade, 48 single LC				СН			S2
36   per element     54   SC OMA, 24 ports per element     11   LC UPC, C-grade, 48 single LC ports per element     12   LC APC, C-grade, 48 single LC ports per element     12   LC APC, C-grade, 48 single LC ports per element     14   GE TAT, black, ENSOS75 CPR Cable EuroClass Dca     15   LC APC, C-grade, 48 single LC ports per element     16   LC APC, B-grade, 48 single LC     16   LC APC, B-grade, 48 single LC     17   LC APC, B-grade, 48 single LC     18   LC APC, B-grade, 48 single LC     19   LC APC, B-grade, 48 single LC	cout cable, uroClass Dca	sheath Breakout c CPR Cable EuroCla	fiber In/Outdoor Micro 57A1, black, EN50575	OD			SF
L1   LC UPC, C-grade, 48 single LC ports per element   96 fiber In/Outdoor Microsheath cable     L2   LC APC, C-grade, 48 single LC ports per element   96 fiber In/Outdoor Microsheath cable     L4   LC APC, C-grade, 48 single LC ports per element   96 fiber In/Outdoor Microsheath cable     L6   LC APC, S-grade, 48 single LC ports per element   96 fiber In/Outdoor Microsheath cable     L6   LC APC, B-grade, 48 single LC ports per element   96 fiber In/Outdoor Microsheath cable     L6   LC APC, B-grade, 48 single LC ports per element   96 fiber In/Outdoor Microsheath cable     L6   LC APC, B-grade, 48 single LC   96 fiber In/Outdoor Microsheath cable	, G657A1, black,	osheath cable, G65 Class Dca	fiber In/Outdoor Micr 50575 CPR Cable Euro	OF			SG
L1 LC UPC, C-grade, 48 single LC ports per element   L2 LC APC, C-grade, 48 single LC ports per element   L4 Fiber In/Outdoor Microsheath cable fiber In/	, G657A1, black,	sheath cable, G65	fiber In/Outdoor Mich	OG		SC OM4, 24 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	(SM = black),	sheath cable (SM :	fiber In/Outdoor Micr	ОК			B LI
LF LC UPC, 8-grade, 48 single LC Note: Cable fiber count needs to match the FACT-chassis port Cable length	le (SM = black).	rosheath cable (SM	4 fiber In/Outdoor Mid	OH			L2
LC APC, B-grade, 48 single LC Cable length				Note: Cable		LC UPC, B-grade, 48 single LC	LF
por o per centent 100 10 m (33 ft.) 100 100	00 m (328 ft.)	100 100 m (				LC APC, B-grade, 48 single LC	LG
LC OM4, 48 single LC ports 020 20 m (66 ft.) 150 150	50 m (328 ft.)					LC OM4, 48 single LC ports	14
14     per element     5     030     30 m (98 ft.)     200     200	00 m (656 ft.)	200 200 m (	30 m (98 ft.)	5 03			
Single mode connector performance grades B & C according to IEC 61755-1. 050 50 m (164 ft.) 250 250	0 (920 4)	250 250 m (	50 m (164 ft.)	0!			

SMOUV

### **Optical Specifications**

Fiber Mode

**Fiber Type** 

Singlemode

G.657.A1

Page 2 of 3

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## 760244245 | FACT-3ERHPL1S-1000H

Performance Grade	Standard C grade
Insertion Loss, maximum	0.5 dB
Return Loss, minimum	50 dB

### **Environmental Specifications**

Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
EN50575 CPR Cable EuroClass Fire Performance	Dca
Flammability Rating	UL 94 V-0

### Packaging and Weights

Included	Mounting hardware
Packaging quantity	1

### Regulatory Compliance/Certifications

Agency	Classification
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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



### \* Footnotes

Performance Grade Guarantee to meet IEC 61755-1 Random Mating requirement

Page 3 of 3

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