FACT-CABLED-CHASSIS

Base Product

FACT® Fiber Optic Pre-cabled Chassis for FACT ODF

The building blocks of the FACT® optical distribution frame system are the FACT® chassis. FACT® chassis can be deployed individually as a single-element chassis, orup to six similar elements can be combined into high fiber-count FACT® chassis.The single-element FACT® chassis measures 30.95 mm (1.22 in.) tall, 30 percent less than the standard HU/1RU (44.45 mm/1.75 in.). Each FACT® element features two hinged trays, providing full front access to both sides of all connections and clear visibility of all ports.

The FACT® pre-cabled chassis is supplied with connectorized cables from 24 fibers to 144fibers, and a stub on the far end. It is available for indoor cable in lengths up to 300 meters.The pre-cabled chassis accommodates 24 SC or 48 single LC connections per FACT® element. All pre-cabled FACT® chassis use EIA/TIA 598 color-coding standard.

The FACT® patch-splice chassis is available in 6 height versions:

- 1E
- 2E
- 3E
- 4E
- 5E
- 6E

Product Classification

Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Portfolio	CommScope®
Product Type	Fiber patch chassis, with indoor cable | Fiber patch chassis, with indoor/outdoor cable | Fiber patch chassis, with microsheet cable
Product Brand	FACT®
Product Series	FACT

General Specifications

Functionality	Patching | Splicing
Application	Compatible with FIST-GR3-style frames
Body Style	Symmetrical
Color	Gray

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Interface, front	LC/APC | LC/UPC | SC/APC | SC/UPC
Rack Type	EIA 19 in
Shelf Movement	Sliding

Dimensions

Width	524 mm | 20.63 in
Depth	283 mm | 11.142 in

Ordering Tree

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

Element count

1	1E	One element
	2E	Two elements
	3E	Three elements
	4E	Four elements
	5E	Five elements
	6E	Six elements

Patch cord side

2	L	Left-hand patch
	R	Right-hand patch

Adaptor/connector types, Port count

3	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

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

Splice holder/protector

4	S	SMOUV
	A	ANT

Cable type

6	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

Note: Cable fiber count needs to match the FACT-chassis port count

Cable length

5	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.)

Environmental Specifications

Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

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Storage Temperature	-20 °C to +85 °C (-4 °F to +185 °F)
Flammability Rating	UL 94 V-0

Packaging and Weights

Included	Mounting hardware

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