

TrueEdge™ Low-Profile Industrial Distribution Frame (IDF)

SPECIFICATIONS

The TrueEdge™ Low-Profile Industrial Distribution Frame (Low-Profile IDF) shall mount active equipment vertically in an on-wall configuration. The IDF shall be capable of mounting up to 38 in. of active equipment depth and have the capability of vertical patching. Equipment brackets shall be adjustable for accommodation of server and/or switch applications. Enclosure shall be engineered to allow proper gland plates for cooling options for use with various networking equipment including, but not limited to, Power over Ethernet (PoE) Switches and Uninterrupted Power Supplies (UPS). The IDF shall have a gland plate on top and bottom which can be removed for optimal equipment access. The IDF shall be rated to UL NEMA Type 4/12, IP66.



TECHNICAL INFORMATION

Attributes:	Part Number	RU	Height in. (mm)	Width in. (mm)	Depth in. (mm)
	IDFLP6	6	43.9 (1114)	28.6 (726)	15.9 (403)
Load rating:	300 lbs.				
Standards:	NEMA Type 4/12, IP66 Rated; UL 2416				
RoHS compliance:	Compliant				
Color and material:	Gray and Steel				
Included in packaging:	Door, Locking wing knobs, Keys, (2) vertical rails, (1) horizontal passive equipment rail, active equipment brackets (cage nut and threaded), Gland plates (3) on side, top, and bottom, mounting feet				

KEY FEATURES AND BENEFITS

Low profile:	Provides an efficient, compact way to deploy switch and server systems in an open architecture harsh environment
Configurable:	Adjustable equipment rails increase the usable enclosure depth to 38 in. for active equipment while maintaining the ability to mount patch panels; adjustable rails and additional accessories provide a variety of configurations based on application
Thermal analysis:	Reference application guide
Removable side, top and bottom gland plate:	Allows for easy equipment installation and access and optional side-mounted A/C unit

APPLICATIONS

The Low-Profile IDF provides a comprehensive architecture that allows up to 36 in. of active equipment depth to be mounted in a dense application. This IDF houses equipment vertically in a NEMA 4/12 sealed enclosure that protects internal equipment from harsh environments. The removable gland plates on the top and bottom allow for easy installation of equipment and the adjustable rails and optional accessory brackets provide various configurations based on different application needs. This low-profile IDF has a gland plate on the side for easy mounting of A/C cooling units.

Low-Profile IDF Enclosure

6 RU Enclosure: IDFLP6

Enclosure Accessories Ordered Separately

Back panel:	WMEBP
Equipment mounting bracket:	WMEMB
Vertical 1 RU bracket:	WME0UB
Fiber enclosure adapter bracket 0 RU:	FEABRU
Active equipment rails:	WME6ERAIL
Horizontal 1 RU bracket:	WME61RU
Ground kit:	WMEGK

Panduit Products Ordered Separately

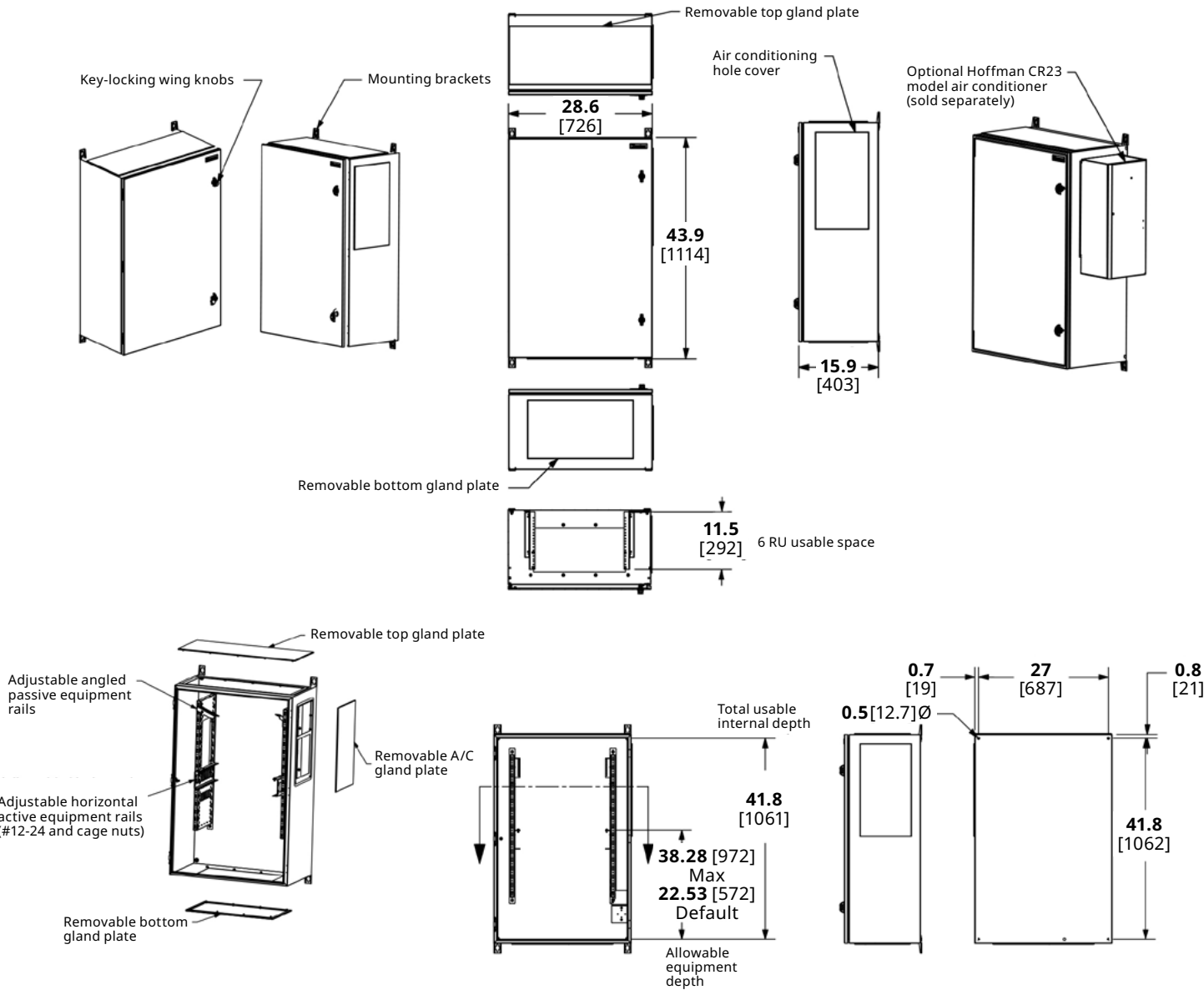
Small diameter patch cords:	UTP28SP12BU
Small diameter shielded patch cords:	STP28X0.2MBU
Mini-Com Modules Cat 6, RJ45:	CJ688TGBU
Mini-Com Shielded Modules, Cat 6A, RJ45:	CJS6X88TGBUY
Cat 6 UTP Copper cable, riser:	PUR6004BU-UY
LC Opticom OM3/OM4 FAP:	FAP12WAQDLCZ FAP6WAQDLCZ
Opti-Core Fiber Optic Patch Cords, LC to LC MM, duplex:	FX2ERLNLN-SNM001
Opti-Core® OM3 Fiber Optic Distribution Cable, MM, riser:	FODRX24Y
LC OptiCam® OM3/OM4 Duplex Fiber Optic Connectors:	FLCDMCXAQY

Recommended A/C unit, Ordered Separately

nVent A/C Unit: CR23

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ENGINEERING DRAWINGS



Dimensions are in inches. [Dimensions in brackets are metric].