

STRATA™ IDX 20RU Enclosure

APPLICATION

The STRATA IDX 20RU Enclosure is designed to house interconnect applications between backbone cables and active equipment within a rack/cabinet or on a wall. The enclosure is designed with integrated cable management features and scalable modular decks for interconnect and fusion splicing. The enclosure is ideal for use in data center (Entrance Facility or Equipment Room) and central office (head end) applications where there is a high concentration or aggregation of fibers.



SPECIFICATION

The enclosure shall be 20RU high by 12 in (30.5 cm) deep and shall be constructed of 16- and 18-gauge gray powder-coated steel. The enclosure shall include a removable top cover and removable locking front door. The enclosure shall accept up to four modular splicing or interconnection decks; and the enclosure deck positions shall be silk-screened onto the enclosure mounting frame. Provision for an enclosure mountable workbench shall be provided at each deck position. The enclosure shall include a rear cable mesh for tie-down of incoming ultra high-count fiber cables and cable dressing plates for internal management of high count fiber breakouts or outgoing jacketed fiber cables. When fully populated with four ribbon splice or interconnect decks the enclosure shall support up to 6,912 fibers. Modular decks shall include six splicing or interconnect trays and each tray shall include integrated magnifying label holders for splice or port identification. Deck tray identification labeling shall be clearly visible and unobstructed by installed cabling. Enclosure shall meet all ANSI/TIA 568.3-E and ANSI/TIA 942 requirements and all applicable standards.

COUNTRY OF ORIGIN

Please contact Customer Service

FEATURES & BENEFITS

- Enclosure allows for mass fusion ribbon splicing and interconnect patching using decks (sold separately)
- Up to 6,912 mass fusion ribbon fibers using Splice Decks
- Up to 6,912 fibers using MMC16 connectors with Interconnect Decks
- Mounting flexibility on wall or 19/23" rack/cabinet
- Full front access design for ease of installation and maintenance
- Integrated cable management helps secure and route cables
- Removable hinged door for left (default) or right hand swing (lock set included)
- Work bench integrated with enclosure for installation and maintenance support
- Magnetic port ID label card holder included to aid identification of ports

DESIGN CONSIDERATIONS

- Enclosure is sold empty fully assembled
- 8.75" (5RU) clearance needed between enclosures if stacking enclosures on top of one another
- Accepts up to four decks for (interconnection or splicing) installed from the bottom up on the IDX Frame
- Accessories included: rack mounting hardware kit, two keys, two magnetic label pouches
- Allows for 19- or 23-inch rack mount
- Enclosure can accommodate one or multiple ultra high-fiber count ribbon cables
- Provision for grounding
- 35 in (89 cm) Split Mesh Socks recommended for bare fiber protection. Available in optional sock kits which include 12 or 48 pre-cut socks

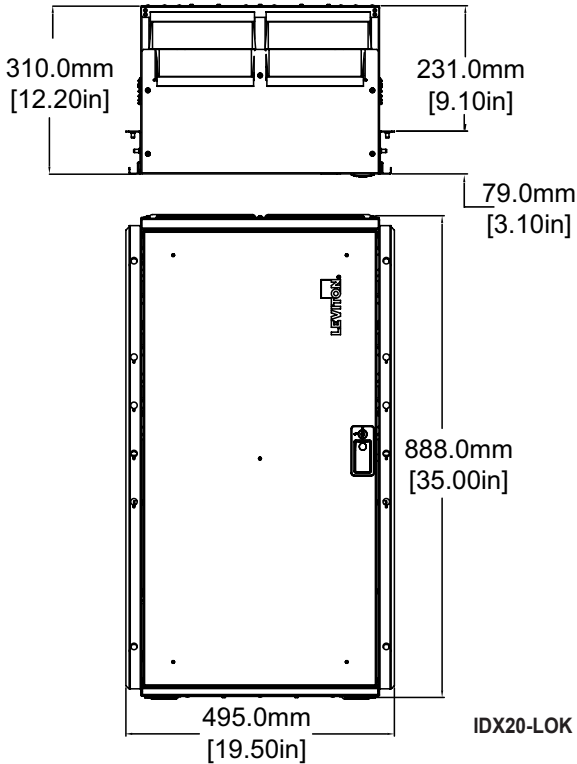
STANDARDS & REGULATIONS

- ANSI/TIA 568.3 Optical Fiber Cabling Components Standards
- ANSI/TIA 942 Telecommunication infrastructure Standard for Data Centers

MECHANICAL SPECIFICATIONS

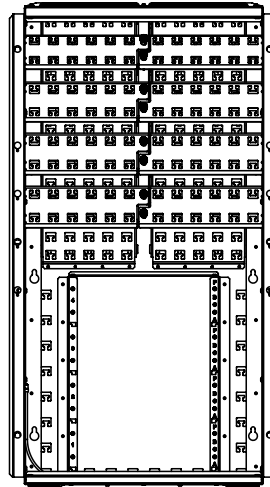
Dimensions:	See page two
Materials:	16- and 18-gauge steel, powder-coated gray
Temp. (Storage):	-40 °C to +70 °C (-40 °F to +158 °F)
Temp. (Installation):	Refer to cable installation temperature
Temp. (Operating):	-10 °C to +60 °C (+14 °F to +140 °F)
Load rating:	132 lbs (62 kg)

PRODUCT SPECIFICATIONS
IDX20-LOK



WARRANTY INFORMATION

For Leviton product warranties, go to Leviton.com/ns/warranty



IDX20-LOK

PART NUMBER

Description	Part No.
IDX 20RU Enclosure, empty, with Key Lock	IDX20-LOK
IDX Ribbon Splice Deck, 6 Trays (up to 1,728 fiber density)	IDXSP-RMF
IDX MMC16 Interconnect Deck, 6 Trays (up to 1,728 fiber density)	IDXCN-MMC
1/2" Split Mesh Sleeve, 35" Length, Kit of 2	IDXSP-SS1
1/2" Split Mesh Sleeve, 35" Length, Kit of 4	IDXSP-SS4

For further support information, visit Leviton.com/ns/support