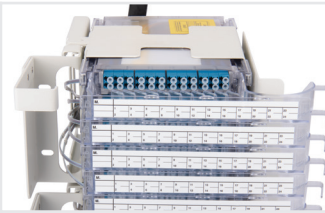CORNING

Headend Decision Matrix

CORNING

	EDGE8® SOLUTIONS	CENTRIX™ SYSTEM	Enhanced Management Frame (EMF)	ECLIPSE® HARDWARE
	Higher Density →			Lower Density
New Installation	Applicable	Ideal	Applicable	Ideal
Frame Configuration	19-in or 23-in	High-density/19-in/23-in/ front and rear cable access configurations	High-density	19-in or 23-in
Capacity in 7-ft Frame	5,760 LC	2,880 SC/4,320 LC (3,840 WITH PON splitters)	1,728 per side (3,456 total LC)	1,440 (864 with PON splitters)
Wall-Mountable Option			√	√
Cable Type	LSZH™, plenum, I/O, distribution, FREEDM® ribbon, and LT	ALTOS® dielectric gel-free LT, ribbon riser, SST-Ribbon™ FREEDM ribbon riser, FREEDM IN/OUT LT, MiniXtend® standard LT, ALTOS riser LT cable	ALTOS dielectric gel-free LT, ribbon riser, SST-Ribbon, FREEDM ribbon riser, FREEDM IN/ OUT LT, ALTOS riser LT cable	ALTOS dielectric gel-free LT, ribbon riser, SST-Ribbon, FREEDM ribbon riser, FREEDM IN/OUT LT, ALTOS riser LT cable
Connector Type	LC, MTP®	SC, LC, MTP	SC, LC, MTP	SC, FC, LC
Jumper Size	1.6 mm	2.0 mm SC / 1.6 mm LC	2.0 mm	2.0 mm
Devices, CWDM, Triplexers, and Quadplexers		√	√	√
Accommodate Splitters		√	√	√
Port Tapping	√	√		
On-Frame Splicing	√	√	√	√
Removable Housing Cover	1U and 2U		√	
Quick Facts	▪ Base-8 fiber applications ▪ Tip-to-tip solution for data centers and storage area networks (SANs) ▪ Ideal for structured cabling in a data center ▪ Housings, modules, panels, trunks, harnesses, and jumpers	▪ GR-449 Issue 3 compliant ▪ Scalable in features and function ▪ Industry-leading cable and jumper management ▪ Enclosed 4U housing option available ▪ Versatile cassette/modules including staggered LC cassettes	▪ Integrated fiber routing guides ▪ Individual 12 F modules that extend/retract independently ▪ Single-jumper length ▪ Up to 24 F modules	▪ Integrated fiber management ▪ Front-to-back jumper access ▪ Splitter compatible with OptiTect® Gen III and LS series

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Optical Splice Enclosure

OSE-UD0-00-3

5,184 single-fiber/6,912 mass fusion ribbon splices

OSE-HD0-00-1

1,440 single-fiber/360 mass fusion ribbon splices (4,320 fibers)

OSE-HD2-00-1

1,008 single-fiber splice

OSE-LD0-00-1

576 single-fiber/144 mass fusion ribbon splices (1,728 fibers)

▪ Wall, 23-in rack and T-slot mountable
▪ Seven watertight compression fittings
▪ Heat-shrink, RTV, and mass-fusion splice trays