Optical Passives and Accessories
OS0500, OS1000
Optical Shelves

COMMSCOPE®

FEATURES

OS0500

- High-density optical passive shelf with 14 slots

OS1000

- Universal enclosure with up to 72 interconnects or patches, 12 coupler/splitter cards, 12 WDM modules, or any combination of these modules
- Fiber protection organization with strain relief and bend radius guides
- Universal mounting in either a 19-inch or 23-inch rack
- Removable transparent doors with a formatted label for identifying fiber terminations
- Convenient connector/adapter access
- Interchangeable connector panels and bulkheads

OS0500

The OS0500 is a 3-rack unit (3RU) telecommunications industry standard (Lucent LGX-style), high-density optical passive shelf with 14 slots.
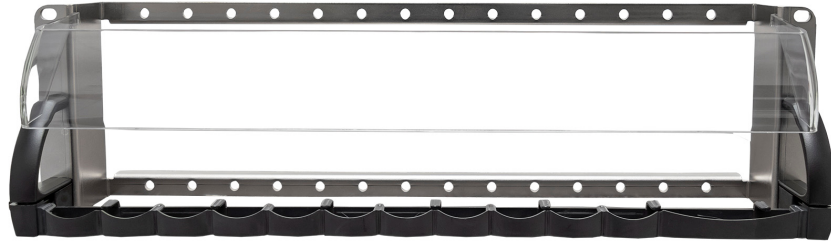
OS1000

The OS1000 is a 4-rack unit (4RU) telecommunications industry standard (Lucent LGX-style) optical organization shelf. The OS1000 can be mounted in both 19-inch and 23-inch telecommunications bays. Each OS1000 can accept 12 single-width coupler cards, 12 WDM modules, or 12 patch panel plates, each with 6 connectors. If the OS1000 is used only as a patch panel, it can accommodate up to 72 optical interconnects. Each optical module or patch panel plate occupies the same panel space allowing flexibility for configuring the OS1000 with any combination of modules.

OS1000

OS0500 SPECIFICATIONS

Characteristics	Specification
Dimensions (W x H x D)	48.3 cm x 13.2 cm x 11.4 cm (19.0 in x 5.2 in x 4.5 in)
Operating Temperature	-40° to 85°C (-40° to 185°F)
Storage Temperature	-40° to 85°C (-40° to 185°F)
Dimensions	LGX single-width: 15.8 cm x 12.9 cm x 2.9 cm (6.2 in x 5.1 in x 1.1 in) LGX double-width: 15.8 cm x 12.9 cm x 5.8 cm (6.2 in x 5.1 in x 2.3 in) LGX triple-width: 15.8 cm x 12.9 cm x 8.7 cm (6.2 in x 5.1 in x 3.4 in) Non-LGX: Contact CommScope for dimensions.

OS0500

OS1000 SPECIFICATIONS

Characteristics	Specification
Dimensions, without mounting bracket (W x H x D)	43.2 cm x 17.7 cm x 30.5 cm (17.0 in x 6.97 in x 12.0 in)
Dimensions, with mounting bracket (W x H x D)	48.3 cm x 17.7 cm x 30.5 cm (19.0 in x 6.97 in x 12.0 in)
Operating Temperature	-40° to 85°C (-40° to 185°F)
Storage Temperature	-40° to 85°C (-40° to 185°F)
Relative Humidity, max	95%, non-condensing

RELATED PRODUCTS

CHP Max5000®	Optical Nodes
AgileMax®	VHub
Optical Passives	Installation Services

Contact Customer Care for product information and sales:
- United States: 866-36-ARRIS
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