

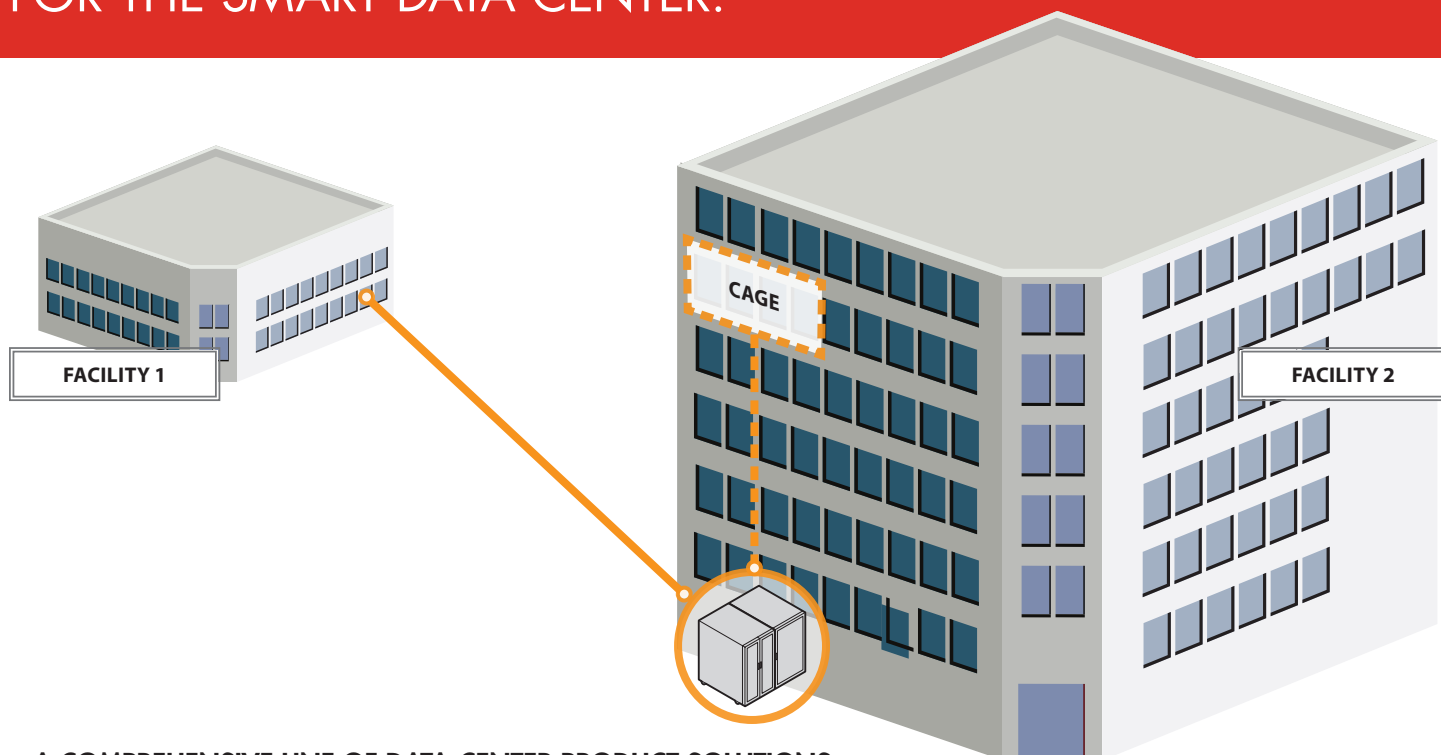
# SMITH



## A COMPREHENSIVE LINE OF DATA-CENTER PRODUCTS

Optics | DACs | Cables | Cable Management | Mux/Demux | Fiber Taps | Media Converters

# PRODUCT SOLUTIONS FOR THE SMART DATA CENTER.



## A COMPREHENSIVE LINE OF DATA-CENTER PRODUCT SOLUTIONS.

Smith is a critical provider of optical networking products for the data center, including: transceivers, direct-attach cables, fiber cabling, cable management, mux/demux, fiber taps, and media converters. By partnering with the largest global contract manufacturers, Smith provides customers with high-quality, cost-effective solutions in direct contrast to the budget-prohibitive prices commonly associated with OEM networking products.

### LONG-RANGE OPTICS

KEY =



### USAGE DESCRIPTION:

Smith's long-range optical transceivers provide transmissions from 100MB to 100GB with distances from 2 km to 160 km. Available in standard, BiDi, CWDM, and DWDM solutions.

### FORM FACTORS:

GBIC, SFP, XENPAK, X2, XFP, SFP+, SFP28, QSFP+, QSFP28, CFP, CFP2, CFP4

### SHORT-RANGE OPTICS

KEY =



### USAGE DESCRIPTION:

Smith's short-range optical transceivers provide transmissions from 100MB to 100GB with distances from 100 m to 2 km. Available in Ethernet, fiber, and OTN solutions.

### FORM FACTORS:

GBIC, SFP, XENPAK, X2, XFP, SFP+, SFP28, QSFP+, QSFP28, CFP, CFP2, CFP4

### DIRECT ATTACH CABLES

KEY =



### USAGE DESCRIPTION:

Smith direct-attach cables (DACs) fill the need for short, cost-effective connectivity and provide a power-efficient and cost-effective replacement for optical transceivers.

### FORM FACTORS:

SFP, XFP, SFP+, XFP-SFP+, QSFP+, QSFP+ breakout, CXP, CXP breakout

### CABLES

KEY =

YELLOW = LONG-RANGE  
BLUE = SHORT-RANGE



### USAGE DESCRIPTION:

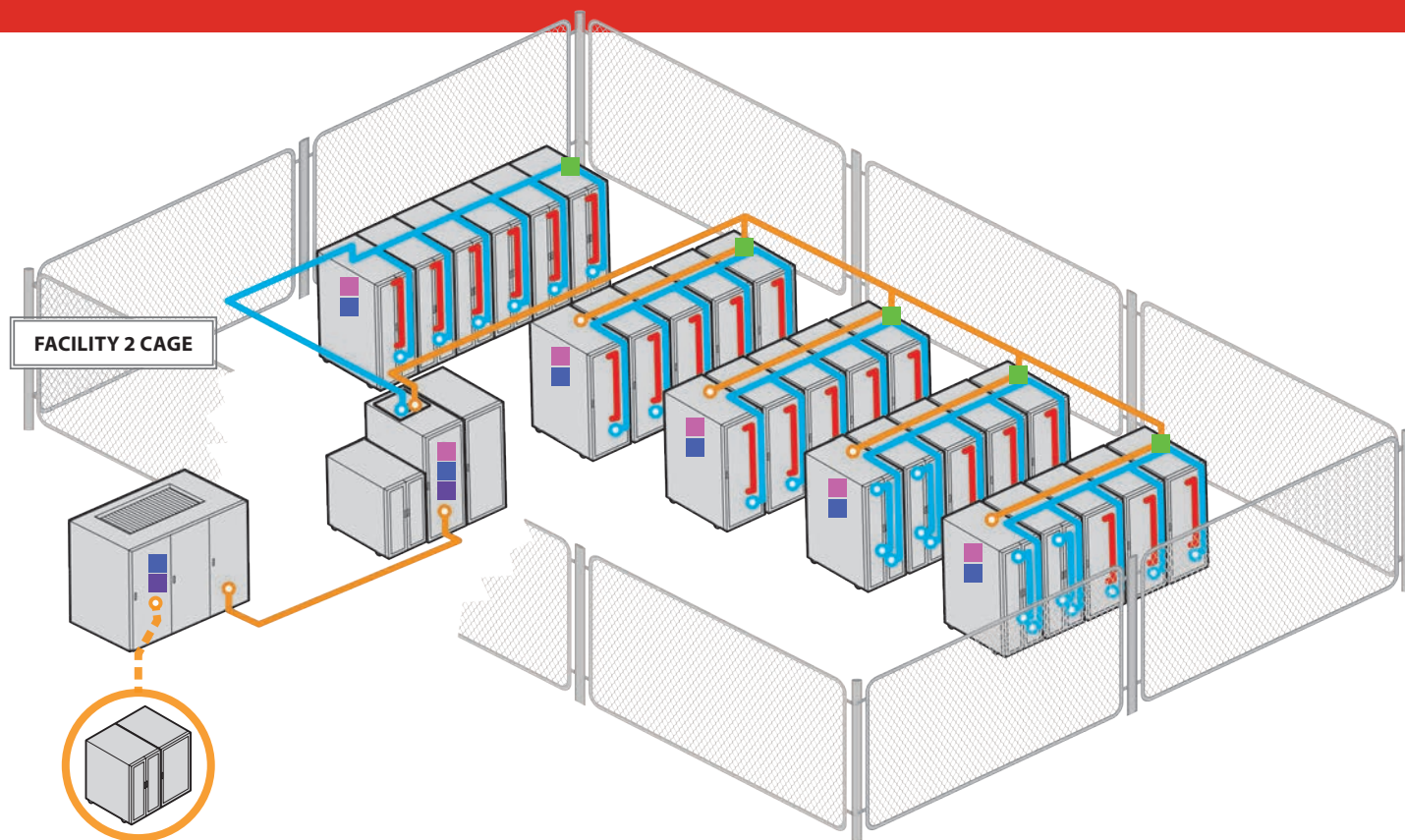
With a variety of custom multi-mode and single-mode options, Smith's cable solutions are designed for best-in-class data center/telecom installations. Available from SM, OM1, OM2, OM3, OM4, OM4+.

### SOLUTIONS:

RJ45, jumper, breakout, and trunk

FOR BEST PRACTICES AND EXPERT  
CONFIGURATION, CALL +1 855.223.4298.

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#### CABLE MANAGEMENT

KEY = 



#### USAGE DESCRIPTION:

Smith cable management systems are designed to provide efficient, functional organization of fiber optic hardware in data centers, premise installations, and telecommunication networks, making it simple and intuitive.

#### SOLUTIONS:

Rack-mount panels, MTP cassettes, adapter plates, converters

#### FIBER TAPS

KEY = 



#### USAGE DESCRIPTION:

Smith's passive breakout network TAPs provide a simple and safe method to access live network traffic and provide copies to separate monitoring ports.

#### SOLUTIONS:

Available in both single-mode and multi-mode configurations with splits of 50/50, 60/40, 70/30, 80/20, and 90/10.

#### MUX/DEMUX

KEY = 



#### USAGE DESCRIPTION:

Smith's passive CWDM and DWDMmux/demux modules are designed to multiplex multiple CWDM or DWDM channels into one or two fibers. Accepts any data rate on any port from 10 to 100Gbps.

#### SOLUTIONS:

Available in common configurations of 4 to 32 channels DWDM mux/demux, and 2 to 16 channels of CWDM mux/demux.

#### MEDIA CONVERTERS

KEY = 



#### USAGE DESCRIPTION:

Smith media converters allow a multitude of network solutions, ranging from copper to fiber conversion, fiber-to-fiber reamplification/reshaping/retiming, and single-mode to multi-mode conversions.

#### SOLUTIONS:

Standard standalones, PoE standalones, mini standalones, card-based standalones, chassis-based rack units



### LIFETIME WARRANTY

Smith transceivers, DACs, and fiber optic cables come with an industry-leading lifetime warranty and toll-free technical support.



### DATA-CENTER CERTIFIED

Smith's entire product line has been **certified compliant** within the data center environment and appears on the AVL of most major telecom and technology corporations.



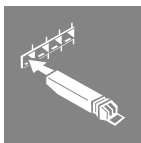
### CUSTOM PROGRAMMED

Smith networking products are programmed in-house and can be **custom-coded with client name, part number, and serial number**.



### WARRANTY SAFE

Smith products **will not void your OEM warranty**, and they present zero service-level risk. Federal law protects you and your rights.



### IN-SYSTEM TESTED

All products are tested within their intended system in Smith's Environmental Test Lab, ensuring **100% guaranteed compatibility**.



### SAME-DAY SHIPPING

Smith maintains an extensive inventory, ensuring **same-day shipping on 98%** of orders placed before 2:00 PST.



### EVALUATION PROGRAM

Smith allows you to verify the quality and reliability of our products by offering an industry-leading **30-day evaluation program**.



### NETWORK EMULATION

Smith networking products are tested using the **Shenick test and measurement system**, which provides comprehensive performance analysis on modules during emulated application flows.

