

Overview

When looking to install a passive optical network with reliable technology, look no further than OCC's newly developed POL Solution. POL systems afford substantial improvements in energy savings and are more environmentally friendly than many traditional cabling infrastructures. As a leader in fiber optic infrastructure, OCC provides a complete system with intuitive components that make installation nearly effortless. With OCC's legendary ruggedness, this system will last through years of use and is ready for future upgrades.

OCC's POL Solution offers:

- **A complete system that integrates with other POL and structured cabling components**

OCC offers flexible options based on application needs and infrastructure requirements. In addition, OCC's POL Solution integrates seamlessly with all our structured cabling fiber optic components.

- **Components that allow for effortless installations**

As with other OCC products, our components are easy to install and manage. A retraction mechanism for ceiling/floor mount enclosures enables easy access to bulkhead for adapter/cassette placement, cable routing and cross connecting. Recessed hinges create a seamless appearance in drop ceilings.

- **System components that are rugged, but ready for upgrades**

OCC is known for our tough components, and our POL Solutions are no different. Our standard simplex cables are renowned for providing significant mechanical and environmental performance over our competitors with greater pull strength, greater impact and crush resistance and truly bend-insensitive fibers. And if the application calls for the toughest cable on the market, OCC has a cable for that, too. The POL connectivity components are founded on the rugged RTC enclosures and are the most resilient in the market.

OCC manufactures the best cabling in the industry, and the most practical and durable connectivity available today. Couple that with the service and tailor-made options from OCC, and your choice for a POL fiber optic access network becomes clear.

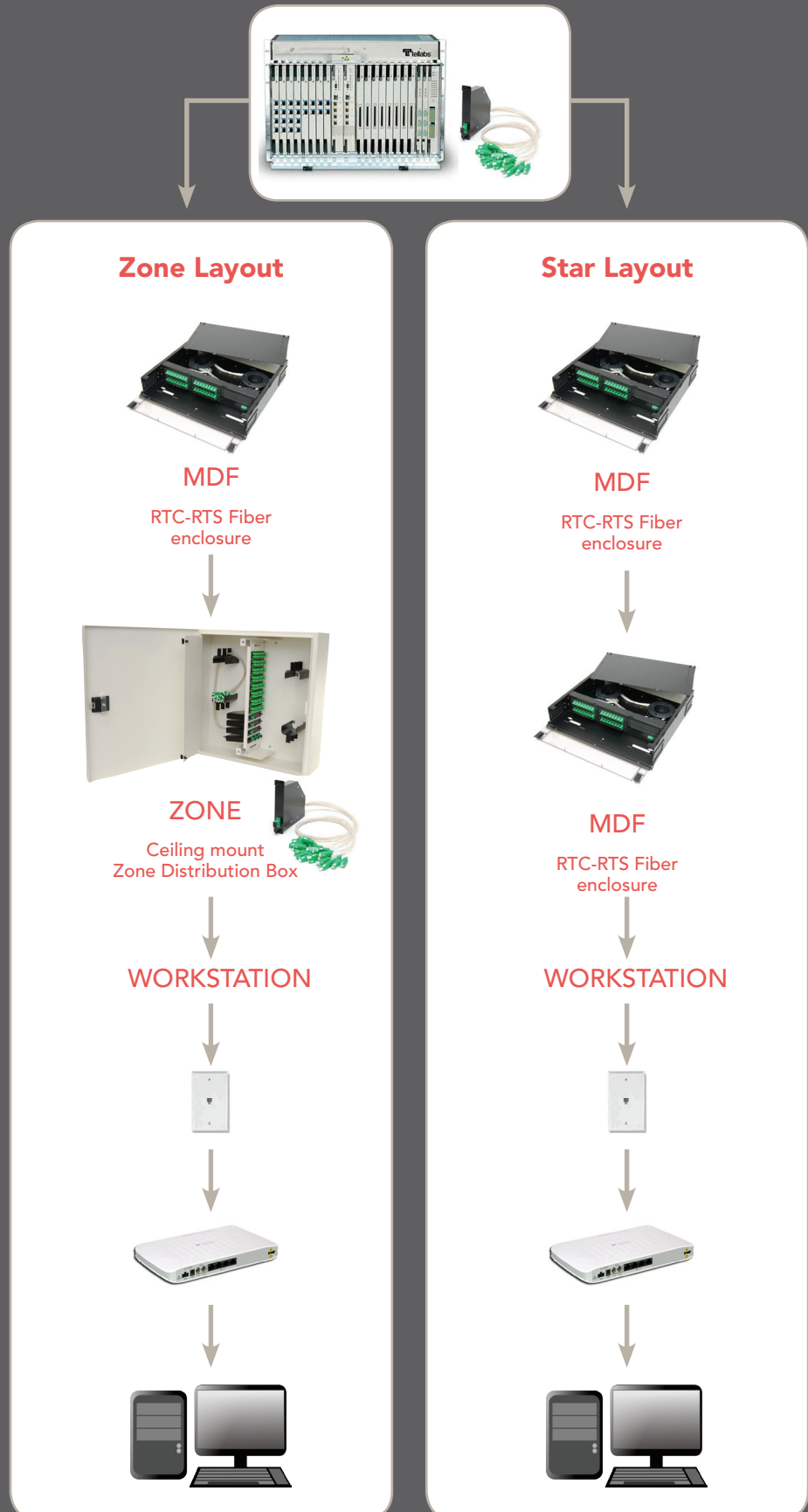


Applications

Studies have shown that employing passive optical LAN cabling systems provides significant cost savings in both CAPEX and OPEX year over year versus traditional structured cabling infrastructures. POL systems afford substantial improvements in energy savings and are more environmentally friendly. The need for a telecommunications room is replaced with zone enclosures, reducing power consumption and energy demands. Plus the amount of cabling within a building is diminished significantly, reducing the weight and capacity within the horizontal cabling support structure, which provides better airflow and cooling capabilities.

In addition, passive optical LANs take advantage of high-bandwidth single-mode fiber optics to support converged networks and provide an infrastructure with future upgrades in mind.

OCC's history and innovation on fiber optic components makes us uniquely qualified to provide the best passive optical LAN system on the market. Whether choosing a traditional structured cabling system or a passive optical LAN, OCC can provide solutions that deliver exceptional flexibility and performance for years.



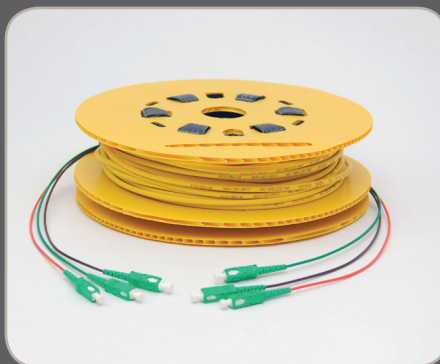
Connectivity

PART NUMBER	DESCRIPTION
ZED12AP	Zone enclosure, ceiling/floor mount, 2'h x 2'w x 6"d, accommodates 12 inserts
ZES12AP	Zone enclosure, ceiling/floor mount, 2'h x 2'w x 3"d, accommodates 6 inserts
ZEWM6AP	Zone enclosure, wall mount, accommodates 6 inserts
PONCMT3SCAPC	Fiber breakout cassette module, SM, MTP to 3 SC-APC
PONC1x32SCAPC	Fiber splitter cassette module, SM, 1x32, SC-APC
PONC2x32SCAPC	Fiber splitter cassette module, SM, 2x32, SC-APC
PONC1x16SCAPC	Fiber splitter cassette module, SM, 1x16, SC-APC
PONC2x16SCAPC	Fiber splitter cassette module, SM, 2x16, SC-APC
616SCAPC	Fiber adapter plate, 6 Port, SC-APC
818SCAPC	Fiber adapter plate, 8 Port, SC-APC
6112SMDSCAPC	Fiber adapter plate, 12 Port, SC-APC
FPKS01A-12	Faceplate, 1 port, angled, bright white

Pre-Terminated

PART NUMBER	DESCRIPTION
MT12DXRF8TK-XXXX	Fiber cable, 12 fiber, SM, MTP/MTP, riser {uses cable part #DX012DSLA2YR (ES2 only)}
MT12DXPF8TK-XXXX	Fiber cable, 12 fiber, SM, MTP/MTP, plenum {uses cable part #DX012SSLA2YP (ES2 only)}
MT06DXRF8TK-XXXX	Fiber cable, 6 fiber, SM, MTP/MTP, riser {uses cable part #DX006DSLA2YR (ES2 only)}
MT06DXPF8TK-XXXX	Fiber cable, 6 fiber, SM, MTP/MTP, plenum {uses cable part #DX006SSLA2YP (ES2 only)}
S8SCAPC-SCAPC-XXXX	Fiber cable, 1 fiber, SM, SC-APC/SC-APC, riser (uses cable part #AX001DSLA9YR)
S8PSCAPC-SCAPC-XXXX	Fiber cable, 1 fiber, SM, SC-APC/SC-APC, plenum (uses cable part #AX001SSLA9YP)

Note: Replace XXXX with length of cable assembly



Cable

PART NUMBER	DESCRIPTION
AE001DSLA9YR	2.0mm fiber cable, 1 fiber, SM, yellow, riser
AE001SSLA9YP	2.0mm fiber cable, 1 fiber, SM yellow, plenum
AX001DSLA9YR	2.9mm fiber cable, 1 fiber, SM, yellow, riser
AX001SSLA9YP	2.9mm fiber cable, 1 fiber, SM yellow, plenum
AE002DSLA9YR	2.0mm fiber cable, 2 fiber, SM yellow, riser
AE002SSLA9YP	2.0mm fiber cable, 2 fiber, SM yellow, plenum
AX002DSLA9YR	2.9mm fiber cable, 2 fiber, SM yellow, riser
AX002SSLA9YP	2.9mm fiber cable, 2 fiber, SM yellow, plenum
DX006DSLA2YR	Fiber cable, 6 fiber, SM yellow, riser
DX006SSLA2YP	Fiber cable, 6 fiber, SM yellow, plenum
DX012DSLA2YR	Fiber cable, 12 fiber, SM yellow, riser
DX012SSLA2YP	Fiber cable, 12 fiber, SM yellow, plenum

