

SYSTIMAX® InstaPATCH® 360CM12-2x3-LS and 360CM12-4x6-LS Conversion Module Product Release

Global Communication

Data rates and bandwidth requirements in the data center have grown tremendously over the past several years and show no signs of slowing down. This growth is driven by many factors: Cloud, Virtualization, Software Defined Network (SDN), Data/Storage Convergence, and Video-On-Demand.

To support these networking requirements, CommScope announces the addition of two new conversion modules to the InstaPATCH 360 product family: InstaPATCH 360CM12-2x3-LS and InstaPATCH 360CM12-4x6-LS. These conversion modules allow customers to migrate easily to 40G/100G networks while providing 100 percent fiber utilization in their fiber backbones.



InstaPATCH® 360CM 2x3 LazrSPEED® Conversion Module, 3 - 8 Fiber Equipment MPO (male) ports, iPatch Ready



InstaPATCH® 360CM 4x6 LazrSPEED® Conversion Module, 6 - 8 Fiber Equipment MPO (male) ports, iPatch Ready

Designed to support efficient connectivity for applications that use 4x4 (4 transmit and 4 receive) parallel optics from QSFP and CFP form-factor transceivers, the InstaPATCH 360CM modules are ideal for supporting connectivity between switches, servers and routers equipped with 4-lane parallel optical interfaces. Using standard 12-fiber MPO connections in the rear for connectivity to structured cabling backbones, and 8 fiber QSFP MPO connections in the front

for connectivity to electronics, the 2x3 and 4x6 conversion modules combine signals from 8 fiber 4x4 parallel applications into 12-fiber backbones to achieve 100% fiber strand utilization.

For detailed 40/100G migration paths for various network topologies, please reference the [Fiber Migration Design Guide](#).

Features and Benefits

- Supports applications such as 40G Ethernet (40GBASE-SR4) and (100GBASE-SR4), and InfiniBand 4x (IB-4x-SDR, -DDR, -QDR)
- Allows network speed upgrade while achieving 100 percent fiber utilization in backbones
- Supports correct polarity throughout the network using internationally standardized array polarity methodology
- Provides higher connectivity density than aggregations of 2-fiber channels
- Designed with InstaPATCH 360 style and performance
- Accepts InstaPATCH 360 trunk cables in the backbone
- Compatible with LazrSPEED® 550, LazrSPEED 300, and LazrSPEED 150 cabling solutions
- Contains LazrSPEED 550 (OM4) 50 µm fiber
- Uses low-loss connection technology

Ordering Information:

Material ID	Product Number	Description
760200345	360CM12-2x3-LS	InstaPATCH® 360CM 2x3 LazrSPEED® Conversion Module, 3 - 8 Fiber Equipment MPO (male) ports, iPatch Ready
760200352	360CM12-4x6-LS	InstaPATCH® 360CM 4x6 LazrSPEED® Conversion Module, 6 - 8 Fiber Equipment MPO (male) ports, iPatch Ready