

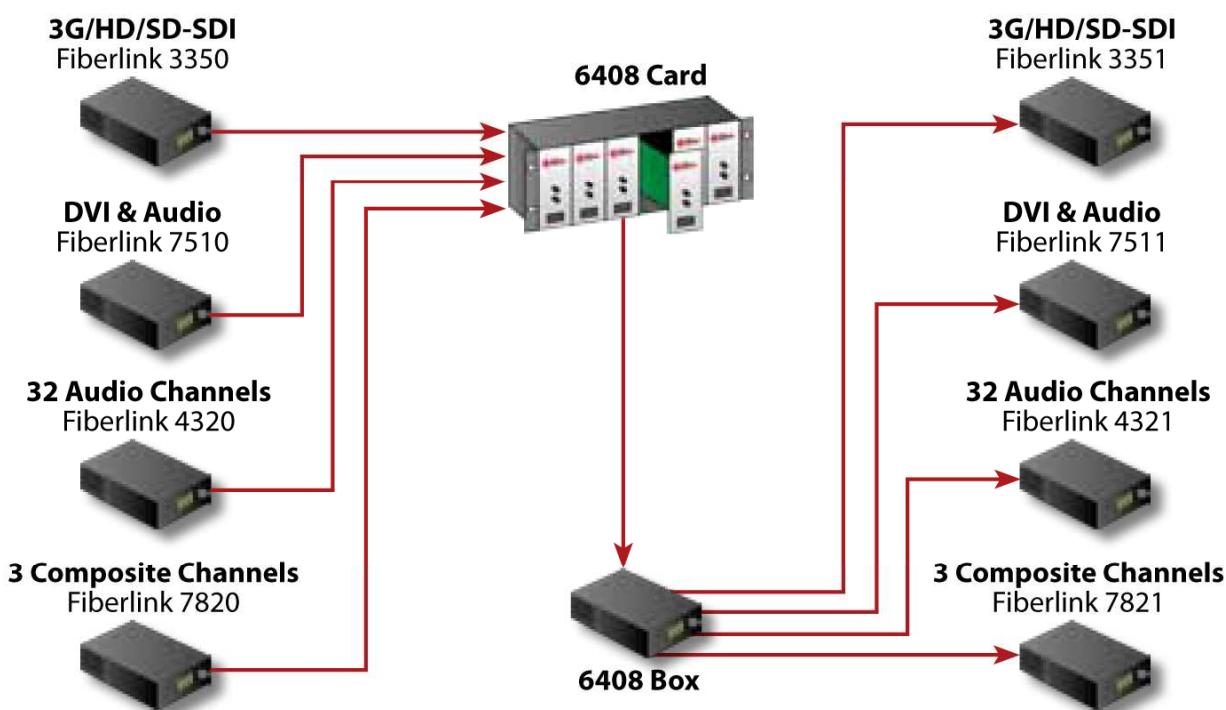


6400 CWDM Series

Complex wave division multiplexers (CWDM) allow 4, 8 or 16 fiber optic links to operate at different wavelengths over a single fiber

Ideal Applications:

The 6400 Series is ideal for virtually every fiber optic application to reduce fiber usage, consolidate signals where fiber capacity is limited and maximize the bandwidth of single mode fiber.



Signal	No. Optical Signals	Direction
All Types	4, 8 or 16	→ or ↔

Features

Combine 4, 8 or 16 optical signals at different wavelengths onto a single fiber.

May be used to transmit separate optical signals in the same direction or in opposite directions in the same unit

Works with all Fiberlink® one-way and two-fiber two-way systems

Available in box and card versions

Available with LC or ST type connectors

Typically used in pairs. Each unit sold separately

No power required

4 and 8 channel card version fills two slots in 6000A card cage

16 channel card version fills three slots in 6000A card cage

Ordering Information

Part Number	Description
6404-B7y	4 Channel CWDM, Box Version
6404-C7y	4 Channel CWDM, Card Version
6408-B7y	8 Channel CWDM, Box Version
6408-C7y	8 Channel CWDM, Card Version
6416-B7y	16 Channel CWDM, Box Version
6416-C7y	16 Channel CWDM, Card Version

y: S ST Connector
L LC Connector

Sales



CSI Communications Specialties, Inc.

631-273-0404 | commspecial.com
info@commspecial.com



6400 CWDM Series



Backed by a 30-day satisfaction guarantee and a three-year limited warranty on parts and labor. See website for terms and conditions.

Want to learn more about fiber?

Log on to commspecial.com for fiber related resources written for Pro A/V Professionals by Pro A/V Professionals!

Sales



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General Specifications

Channels:	4, 8 or 16
Directionality:	Each port can communicate in either direction (In or Out) independent of other ports
Connectors:	ST or LC
Fiber Type:	Single Mode
Maximum Insertion Loss:	4 Channel: 2 dB 8 Channel: 3 dB 16 Channel: 5.5 dB
Box Dimensions	4 & 8 Channel Versions: 1.2 H x 5 W x 7 D (inches) 30 H x 127 W x 178 D (mm) 16 Channel Version: 1.75 H x 16.75 W x 10D (inches) 44 H x 425 W x 254 D (mm)
Slots filled in 6000A Card Cage:	4 & 8 Channel version fills 2 slots 16 Channel version fills 3 slots
Power Requirements:	No power required
Operating Temperature:	-5° C to +60° C

Wavelengths (in nanometers)

4 Channel Version	1570, 1550, 1530, 1510
8 Channel Version	1610, 1590, 1570, 1550, 1530, 1510, 1490, 1470
16 Channel Version	1610, 1590, 1570, 1550, 1530, 1510, 1490, 1470, 1450, 1430, 1410, 1390, 1370, 1350, 1330, 1310

You may be interested in the Fiberlink 6500 Series:

Passive optical splitter that allows transmission from one fiber optic transmitter to multiple receiver units by "splitting" optical power across units.

You may be interested in the Fiberlink 6400 WDM Series:

Passive optical wave division multiplexers that allow two fiber optic links to operate at different wavelengths over a single fiber