



C-COR® Opti Max4100

Optical Passive Enclosures



The ARRIS C-COR® Opti Max4100 Optical Passive Enclosures are a technician-friendly solution inside the node to facilitate end-to-end, multi-wavelength networks. These enclosures, which snap-fit into the existing Opti Max4100 fiber management tray thereby eliminating the need for custom mounting brackets, enable simultaneous transmission of optical signals at multiple wavelengths over as few as one fiber. Broadband service providers can initially deploy the Opti Max4100 with one receiver and one transmitter. As the need for both expanded bandwidth and smaller service group size increase, the Opti Max4100 can be upgraded to a 4 x 4 fully segmented node with four receivers and four CWDM transmitters. Combining optical links with C-COR® CHP Max5000 CWDM or CORWave forward path transmitters and a custom Opti Max4100 Optical Passive Enclosure, the same Opti Max4100 node can be operated with a single fiber—depending on link length, enabling broadband service providers to use remaining fibers for revenue-generating business services.

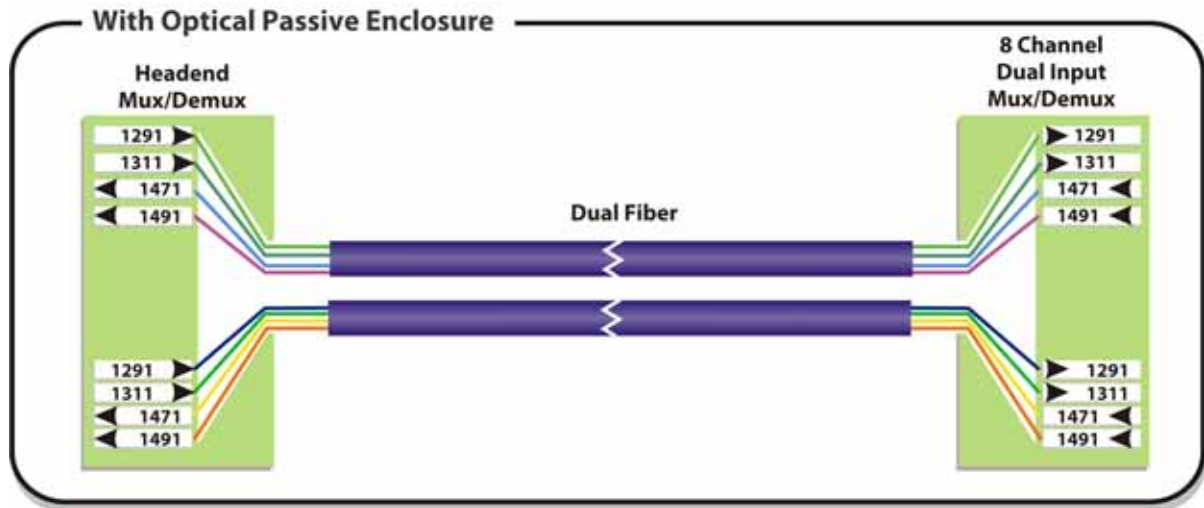
Features

- Strategically segment C-COR® legacy architecture without costly fiber construction
- Easy installation without the need to open weatherproof optical splice enclosures, and without the need for specialized equipment or complex fiber routings in the field
- Superior isolation and low insertion loss over the entire Opti Max4100 operating temperature range
- Facilitates pay-as-you-grow upgrades while installing additional receivers and transmitters
- Upgrade ports available on selected models

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Solution

The new Opti Max4100 node optical passive enclosures enable up to full 4 x 4 forward and return segmentation with limited fiber counts—freeing currently used fibers for new, revenue generating services.



Ordering Matrix

C-COR® Opti Max4100 Optical Passive Enclosures	Part Number
Single WDM—1310/1550nm	1503350-xxx*
Dual WDM—1310/1550nm	1503351-xxx*
Quad WDM—1310/1550nm	1503352-xxx*
Four Channel Upstream CWDM—1471, 1491, 1591, 1611nm	1503353-xxx*
Four Channel Upstream CWDM—1471, 1491, 1511, 1531nm	1503354-xxx*
Four Channel Upstream CWDM—1551, 1571, 1591, 1611nm	1503355-xxx*
Four Channel Upstream CWDM—1511, 1531, 1551, 1571nm	1503356-xxx*
Four Channel—2 Downstream/2 Upstream CWDM—1291, 1311, 1471, 1491nm	1503357-xxx*
Six Channel—2 Downstream/4 Upstream CWDM—1291, 1311, 1471, 1491,1591, 1611nm	1503358-xxx*
Six Channel—2 Downstream/4 Upstream CWDM—1291, 1311, 1471, 1491,1511, 1531nm	1503359-xxx*
Six Channel—2 Downstream/4 Upstream CWDM—1291, 1311, 1551, 1571,1591, 1611nm	1503360-xxx*
Six Channel—2 Downstream/4 Upstream CWDM—1291, 1311, 1511, 1531,1551, 1571nm	1503361-xxx*
Eight Channel Dual Input—4 Downstream/4 Upstream CWDM 1291, 1311, 1471, 1491nm	1503362-xxx*
Eight Channel Dual Input—4 Downstream/4 Upstream CWDM 1291, 1311, 1591, 1611nm	1503363-xxx*
Eight Channel Dual Input—4 Downstream/4 Upstream CWDM 1291, 1311, 1471, 1491nm and 1291, 1311, 1591, 1611nm	1503364-xxx*

*xxx = fiber connector type (-001 = SC/APC, -002 = SC/UPC, -003 = FC/APC, -004 = FC/UPC)



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