Optical Passives (OSP)

OP9xxx
Overview of ARRIS’s Field Passives

FIBER SIZES, TYPES, AND CONNECTOR OPTIONS FOR AVAILABLE PACKAGES

<table>
<thead>
<tr>
<th>Package Style</th>
<th>N-Case</th>
<th>C-Case</th>
<th>S-Case</th>
<th>F-Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connectors</td>
<td>None</td>
<td>None</td>
<td>SC/PC</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Type</th>
<th>N-Case</th>
<th>C-Case</th>
<th>S-Case</th>
<th>F-Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Splitters/Couplers</td>
<td>0.25 mm bare fiber</td>
<td>2 mm fiber jacket</td>
<td>2 mm fiber jacket</td>
<td>0.9 mm or 2 mm fiber jacket</td>
</tr>
<tr>
<td>Single-wavelength Filters</td>
<td>0.25 mm bare fiber</td>
<td>2 mm fiber jacket</td>
<td>2 mm fiber jacket</td>
<td>N/A</td>
</tr>
<tr>
<td>Mux/Demux Modules</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>0.9 mm or 2 mm fiber jacket</td>
</tr>
<tr>
<td>Custom Optics (e.g., Light-Plex™)</td>
<td>0.25 mm bare fiber</td>
<td>2 mm fiber jacket</td>
<td>N/A</td>
<td>0.9 mm or 2 mm fiber jacket</td>
</tr>
<tr>
<td>Band Filters</td>
<td>0.25 mm bare fiber</td>
<td>2 mm fiber jacket</td>
<td>2 mm fiber jacket</td>
<td>N/A</td>
</tr>
</tbody>
</table>

MODEL NUMBER PREFIXES AND MEANING

<table>
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<tr>
<th>Model Number</th>
<th>Description</th>
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<tr>
<td>OP91</td>
<td>Devices operating at 1310 and/or 1550 nm</td>
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<tr>
<td>OP93</td>
<td>Devices operating at LcWDM® wavelengths</td>
</tr>
<tr>
<td>OP94</td>
<td>Devices operating at CWDM wavelengths (ITU-T G.694.2)</td>
</tr>
<tr>
<td>OP95</td>
<td>Devices operating at DWDM wavelengths (ITU-T G.694.1)</td>
</tr>
</tbody>
</table>

Refer to individual product data sheets for specific ordering information.
PACKAGE STYLES

All packages shown at 50% of actual size.

N-Case
Max 60 x 5.5 (diameter) mm Package
Example: OP91S3S-EQ-N0-00 1x3 Splitter

Available products:
Splitters/Couplers, Single-wavelength Filters, Custom Optics, Band Filters

S-Case
Ruggedized 89 x 51 x 9.2 mm Package
Example: OP91S4S-EQ-R2-AS 1x4 Splitter

Available products:
Splitters/Couplers, Single-wavelength Filters, Band Filters

C-Case
Ruggedized 98 x 14 x 8.5 mm Package
Example: OP95F1S-CF-1-0-R2-00 Red/Blue Bands Filter

Available products:
Splitters/Couplers, Single-wavelength Filters, Custom Optics, Band Filters

F-Case
Ruggedized 95 x 78 x 8 mm Package
Example: OP91S8S-EQ-R2-AS 1x8 Splitter

Available products:
Splitters/Couplers, Custom Optics (Light-Plex), Mux/Demux

RELATED PRODUCTS

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<thead>
<tr>
<th>Optical Transmitters</th>
<th>Optical Passives</th>
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<tr>
<td>Digital Return</td>
<td>Optical Patch Cords</td>
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<tr>
<td>Optical Nodes</td>
<td>Installation Services</td>
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Ask us about the complete Access Technologies Solutions portfolio:

Fiber-Deep
DOCSIS® 3.1
Node Segmentation
HPON™/RFoG
FTTx
**OPTICAL SPECTRUM OVERVIEW**

**MODULE PASSTHROUGH RANGES**

For all input and output ports except ports that are wavelength- or channel-specific.

**Only 1263.5 – 1357.5 Passthrough**

- LcWDM*: Mux/Demux/Filter (OP33xxx, OP93xxx)
- CWDM-V: Mux/Demux Modules (OP34x5V and OP94x5V) and Filters (OP34F1x and OP94F1x)

**Only 1423.5 – 1617.5 Passthrough**

- DWDM: Light-Plex™ Modules (OP3514, OP3524, OP3534, OP4528, OP4538, OP9534)
- CWDM-L and CWDM-H: Mux/Demux Modules (OP34x5L, OP34x5H, OP34x10, OP94x5L, OP94x5H, and OP94x10) and Filters (OP34F1x and OP94F1x)

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**Customer Care**

Contact Customer Care for product information and sales:
- United States: 866-36-ARRIS
- International: +1-678-473-5656

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Note: Specifications are subject to change without notice.

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