

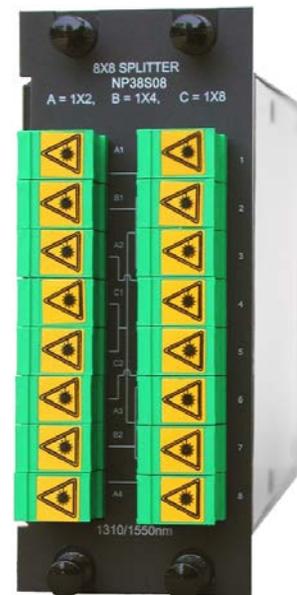
Optical Passives (ISP)

NP38S08SEQ

Scalable 8x8 Optical Splitter/Combiner

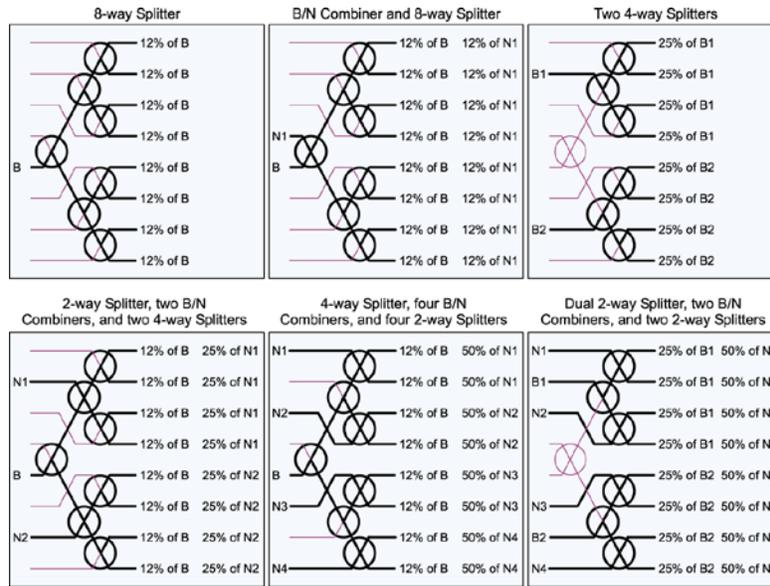
FEATURES

- Maximum flexibility for configuration of splitter/combiner functions
- Low insertion loss
- Dual operating wavelength windows (1310 nm and 1550 nm)
- High port-to-port uniformity
- SC/APC connectors ensure performance repeatability, compatibility, and easy installation and maintenance
- Telcordia GR-1209 and GR-1221 qualified, providing excellent environmental and mechanical stability
- Removable connectors for easy cleaning
- High packaging density (up to 16 modules per chassis)
- LGX chassis-compatible for ISP inside plant controlled indoor environments
- Replaces OP38S8S



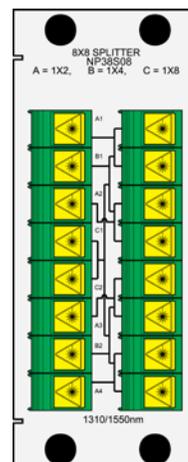
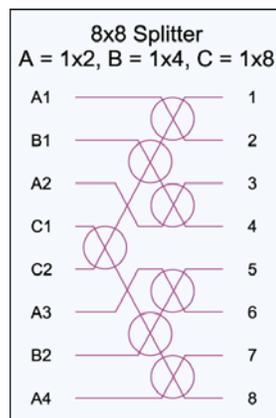
PRODUCT OVERVIEW

ARRIS's unique scalable 8x8 splitter/combiner module provides optimum versatility in minimum rack space to meet a variety of network configuration requirements for optical splitting and combining functions. When fully loaded, ARRIS's CH3000 chassis holds 16 half-depth modules; its packaging concept also permits mounting in any standard LGX chassis. Several examples of how the module can be configured for the combining and splitting of broadcast and narrowcast signals are shown on the following page.



SPECIFICATIONS

Characteristics	Specification								
Physical									
Dimensions	6.5" D x 4.3" H x 2.0" W (3RU) (17 cm x 11 cm x 5.1 cm)								
Weight	1.5 lbs (0.68 kg)								
Environmental									
Operating temperature range (indoor)	-20° to +65°C (-4° to +149°F)								
Storage temperature range	-40° to +85°C (-40° to +185°F)								
Humidity	5% to 95% non-condensing								
Optical									
Optical connectors	SC/APC								
Operating wavelength	Dual windows (1310 ± 30 nm and 1550 ± 30 nm)								
Directivity, min	55 dB								
Return loss, min	55 dB (including connectors)								
Power handling at input port, max	27 dBm								
Uniformity	0.8 dB max, < 0.4 dB typical (including connectors)								
Spectral flatness	0.8 dB max, < 0.5 dB typical (1530–1572 nm)								
Polarization dependent loss	0.3 dB max								
Insertion Loss [dB], typical (max)	<table border="1" style="display: inline-table; vertical-align: middle;"> <thead> <tr> <th></th> <th>A (1x2)</th> <th>B (1x4)</th> <th>C (1x8)</th> </tr> </thead> <tbody> <tr> <td></td> <td>3.5 (3.9)</td> <td>6.7 (7.2)</td> <td>10.2 (10.7)</td> </tr> </tbody> </table>		A (1x2)	B (1x4)	C (1x8)		3.5 (3.9)	6.7 (7.2)	10.2 (10.7)
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	3.5 (3.9)	6.7 (7.2)	10.2 (10.7)						



ORDERING INFORMATION

Part Number	Description
NP38S08SEQZ00-0LA-AS	Scalable 8x8 Optical Splitter/Combiner

RELATED PRODUCTS

CH3000 Chassis	Optical Patch Cords
Optical Transmitters	Optical Passives
PF3000 Frame	Installation Services

Customer Care

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
- International: +1-678-473-5656

Note: Specifications are subject to change without notice.

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