

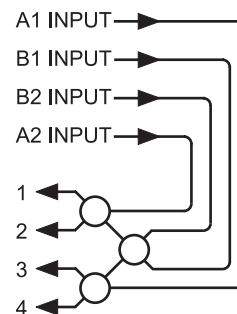
### Features

- Maximum flexibility for configuration of splitter / combiner functions
- Low insertion loss
- Dual operating wavelength windows (1310 nm and 1550nm)
- High port-to-port uniformity
- SC/APC connectors ensure performance repeatability, compatibility and easy installation and maintenance
- Removable connectors for easy cleaning
- High packaging density (up to 32 modules per chassis)

## Scalable 4x4 Optical Splitter / Combiner



Aurora Networks' unique scalable 4x4 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, Aurora's CH3000 chassis holds 32 half-depth modules; its packaging concept also permits mounting in any standard LGX chassis. How the module can be configured for the combining and splitting of broadcast and narrowcast signals is shown below.



# OP34S4S

## Product Specifications

### Physical:

- Dimensions:  
6.5" D x 4.3" H x 1.0" W (3RU) (17 cm x 11 cm x 2.5 cm)
- Weight:  
0.8 lbs (0.34 kg)

### Environmental:

- Operating temperature range: -20° to +65°C (-4° to 149°F)
- Storage temperature range: -40° to +85°C (-40° to 185°F)
- Humidity: 5% to 95% noncondensing

### Optical:

- Optical connectors: SC/APC
- Number of splitters: 1
- Splitter type: 4x4
- Operating wavelength: Dual windows (1263.5–1357.5 nm and 1423.5–1617.5 nm)
- Directivity, min: 55 dB
- Return loss, min: 55 dB (including connectors)
- Power handling at input port, max: 27 dBm
- Uniformity: 0.6 dB max, < 0.3 dB typ
- Spectral flatness: 0.6 dB max, < 0.3 dB typ
- Polarization dependent loss: 0.2 dB max

Splitter Configuration Type	Insertion Loss [dB], including connectors typical (max)
1 x 2	< 3.3 (3.6)
1 x 4	< 6.4 (6.8)

## Ordering Information

O P 3 4 S 4 S - E Q - 0 0 - A S

Optical Passive Module  
(Scalable 4x4 Optical Splitter / Combiner)

AS = SC/APC Connector



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