

# VOA SERIES

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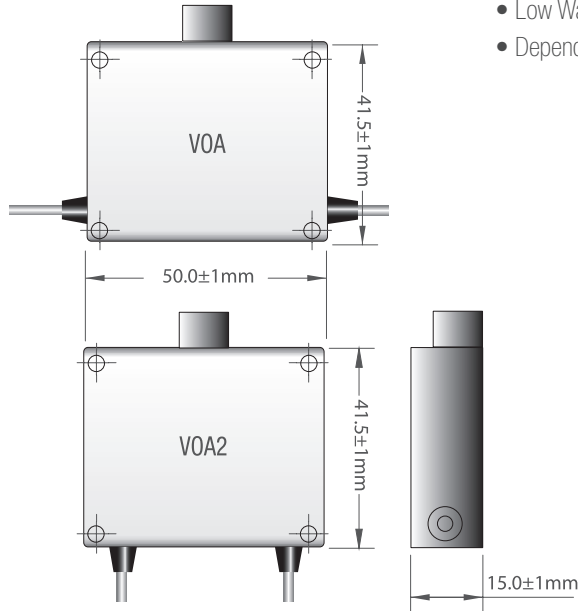
## VARIABLE ATTENUATOR

- Low Insertion Loss
- Wide Attenuation Range
- Low Back Reflection
- Dual Windows
- Low Wavelength and Polarization
- Dependent Loss (WDL / PDL)



Used in In-line Power Control in Multi-channel Optically Amplified System, Transmitter Power Equalization and Laboratory R&D, It features high resolution and convenient manual adjustment. It has low insertion loss, low wavelength dependent loss, and low polarization dependent loss. It is designed for pre-emphasis attenuation, detector saturation control, in-line power equalization and amplifier power control.

Customized designs to meet specialized feature applications is also available.



| PARAMETERS                 |     | VALUE                   | UNIT |
|----------------------------|-----|-------------------------|------|
| Attenuation Variable Range |     | 30dB (@ 1310nm, 1550nm) | dB   |
| Return Loss                | UPC | 55                      | dB   |
|                            | APC | 65                      | dB   |
| Resolution                 |     | 0.5                     | dB   |
| Operation Temperature      |     | -15 ~ 60                | °C   |
| Storage Temperature        |     | -40 ~ 70                | °C   |

### SPECIFICATIONS

| CODE           | TYPE         | MODE                   | GRADE      | CONNECTOR SIDE 1&2 | CABLE TYPE             | CABLE JACKET   | CABLE COLOR | FIBER LENGTH |
|----------------|--------------|------------------------|------------|--------------------|------------------------|----------------|-------------|--------------|
| F4M VOA / VOA2 | SJ Sx Jumper | 08 SM 08µm             | P Premium  | A SC/UPC           | 2MR 2mm                | A Riser rated  | B Blue      | 01 One       |
|                |              | 62 MM 62.5µm           | S Standard | B SC/APC           | 3MR 3mm                | B Plenum rated | O Orange    | S Specify    |
|                | S            | 50 MM 50µm             | S          | C FC/UPC           | 9TB 900µm tight buffer | C PVC          | A Aqua      | W White      |
|                |              | 10 MM 50µm 10g         |            | D FC/APC           |                        | D LSZH         | Y Yellow    |              |
|                |              | BX SM Bend Insensitive |            | E LC UPC Kit       |                        | R Red          |             |              |
|                |              | S Specify              |            | H ST               |                        | G Gray         |             |              |
|                |              |                        |            | Q LC/APC           |                        | L Black        |             |              |
|                |              |                        |            | S Specify          |                        | X No-Jacket    |             |              |

### ORDER CODES

ORDER CODE example:

F4M-VOA - SJ08S - SS -3MRDY - 001

Specifications may change without notice. Display Product Photos Shown are samples for viewing, not actual products. Colours and styles may vary.

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