

VOA Performance Specifications: 1550nm (C/L Band)

| Parameters* | Premium | Grade A | Unit |
|---|--|---------|------|
| Operating Wavelength | 1525 - 1610 | | nm |
| Maximum Attenuation | 65 | 60 | dB |
| Maximum Insertion Loss at 1550 nm and 23 ± 3 °C | ≤ 0.3 | ≤ 0.6 | dB |
| Optical Return Loss | ≥ 60 | | dB |
| Polarization Dependent Loss | ≤ 0.1 for attenuation ≤ 20 dB ≤ 0.2 for attenuation > 20 dB | | dB |
| Temperature Dependent Loss (0 ~ +70 °C) | ≤ 0.35 for attenuation < 20 dB | | dB |
| Wavelength Dependent Loss (1525 - 1610 nm) | ≤ 0.4 for attenuation < 20 dB | | dB |
| Operating Temperature | 0 ~ +70 | | °C |
| Storage Temperature | -40 ~ +85 | | °C |
| Maximum Optical Power | 500 | | mW |
| Package Dimension (see drawing below) | 20 (L) x 23 (W) x 6.6 (H) | | mm |

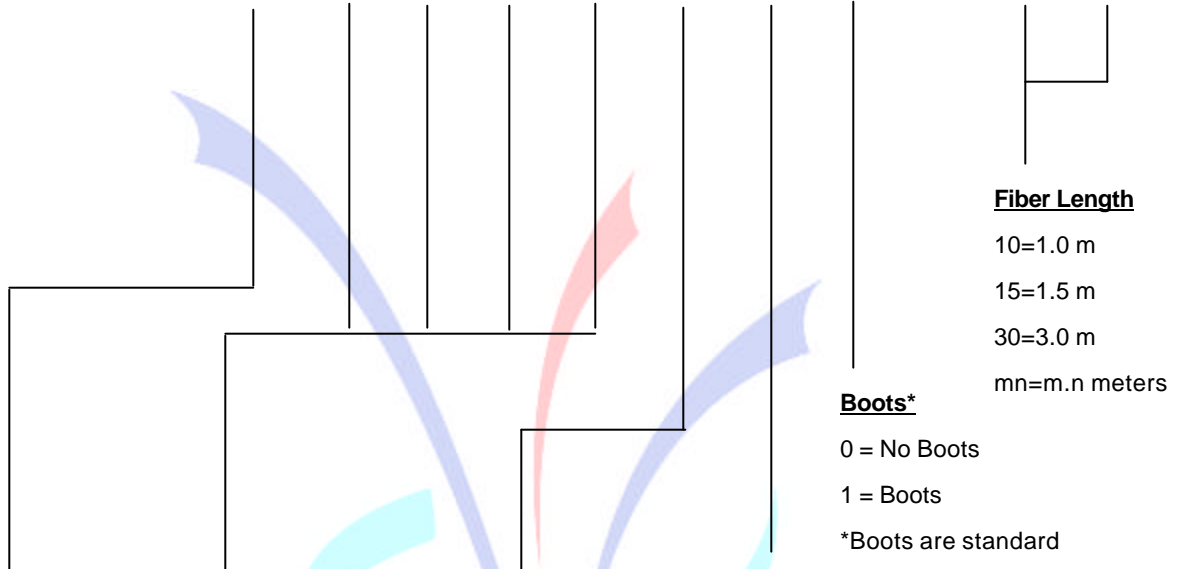
*Specifications are referenced without any connector.



The logo for OptiWorks, featuring a stylized blue and cyan graphic above the company name 'OptiWorks' in a large, light blue sans-serif font.

P/N Scheme: Manual VOA

| | | | | | | | | | | | | | | |
|---|---|---|--|--|--|--|--|---|--|--|---|--|--|--|
| V | A | M | | | | | | 1 | | | N | | | |
|---|---|---|--|--|--|--|--|---|--|--|---|--|--|--|



| <u>Grade</u> | <u>Wavelength/Band</u> | <u>Fiber Type</u> | <u>Fiber Jacket</u> | <u>Connectors</u> |
|--------------|-------------------------|-------------------|--------------------------------|----------------------|
| P = Premium | 1310 = 1310 nm | 1 = SMF-28 | A =250 μm bare fiber | 0=none A=FC/PC |
| A = Grade A | 1550 = 1550nm | | B =900 μm loose tube | 2=FC/UPC B=SC/SPC |
| | 1315 = 1310 nm & 1550nm | | C = 3mm cable jacket | 3=FC/APC C=SC/PC |
| | | | H = 900 μm tight buffer (TBII) | 4=SC/UPC D=ST/SPC |
| | | | | 5=SC/APC E=ST/PC |
| | | | | 6=ST/UPC F=LC/SPC |
| | | | | 7=LC/UPC G=LC/PC |
| | | | | 9=FC/SPC H=MU/UPC |
| | | | | I=MU/PC |
| | | | | J=LC/APC |