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.

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P/N Scheme: Manual VOA

V	A	M						1			N			

Fiber Length

10=1.0 m

15=1.5 m

30=3.0 m

mn=m.n meters

Boots*

0 = No Boots

1 = Boots

*Boots are standard

Grade

P = Premium

A = Grade A

Wavelength/Band

1310 = 1310 nm

1550 = 1550nm

1315 = 1310 nm & 1550nm

Fiber Type

1 = SMF-28

Fiber Jacket

A =250 µm bare fiber

B =900 µm loose tube

C = 3mm cable jacket

H = 900 µm tight buffer (TBII)

Connectors

0=none	A=FC/PC
2=FC/UPC	B=SC/SPC
3=FC/APC	C=SC/PC
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

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