

## VOA Performance Specifications: Dual Band (1310/1550nm)

Parameters*	Premium Grade	Unit
Operating Wavelength	1270 - 1350 and 1525 - 1610	nm
Maximum Attenuation	60	dB
Maximum Insertion Loss at 1310 nm & 1550 nm, and 23 ± 3 °C	≤ 1.0	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 for 1270 - 1350 or for 1525 - 1610 nm	≤ 0.6 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

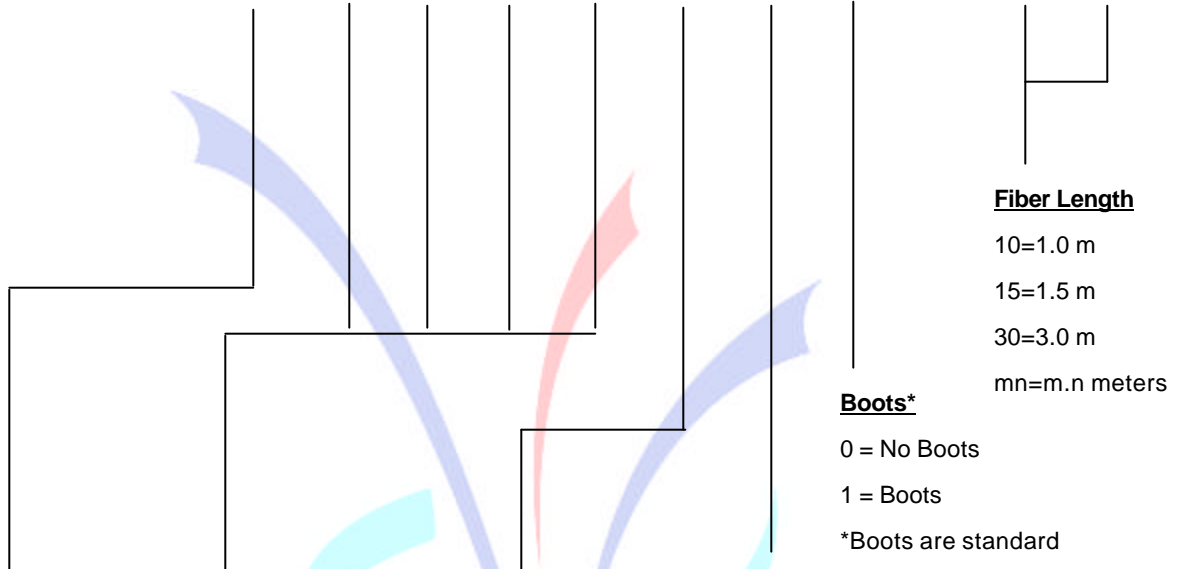
\*Specifications are referenced without any connector.



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# P/N Scheme: Manual VOA

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<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