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OA5000 Series Attenuators.

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# Optical Attenuator

## OA5002

This product is discontinued.

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## Characteristics

	OA5002
Wavelength Range	1100 to 1600 nm
Fiber Size	9 $\mu$ m Single Mode fiber
Insertion Loss	$\leq 2.0$ dB (1100 to 1350 nm) $\leq 2.5$ dB (1350 to 1600 nm)
Return Loss	$\leq -45$ dB
Attenuation Range	$\geq 60$ dB (1100 to 1350 nm) $\geq 50$ dB (1350 to 1600 nm)
Disable	$\geq 100$ dB
Accuracy	$\pm 0.15$ dB (typ. 0.05 dB) at 1310 $\pm$ 20 nm $\pm 0.15$ dB (typ. 0.05 dB) at 1550 $\pm$ 20 nm (0 to 40 dB) $\pm 0.20$ dB at 1550 $\pm$ 20 nm ( $\geq 40$ dB)
Repeatability	$\pm 0.05$ dB (typ. 0.02 dB)
Linearity	$\pm 0.10$ dB (typ. 0.05 dB) (1100 to 1600 nm)
Max. Input Power	+3 dBm (2 mW)
Max. Nondestruct Power	+10 dBm (100 mW) Avg. +20 dBm (200 mW) Peak

Note: <sup>(a)</sup>For further technical information request Product Data Sheet #3TW-8032-1. <sup>(b)</sup>For information on OA5000 Series compatibility with other fiber sizes, contact your local Tektronix sales office.

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Tektronix Measurement products are manufactured in ISO registered facilities.



85W-14642-0p1, 06/1997, 10/01/2001



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