

Optical Attenuators

OA5002 * OA5012 * OA5022 * OA5032



OA5000 Series Attenuators

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CHARACTERISTICS

Wavelength Range	750 to 1600 nm
Fiber Size	
OA5002	Single Mode fiber
OA5012	50 μ m Multimode fiber
OA5022	62.5 μ m Multimode fiber
OA5032	100 μ m Multimode fiber
Insertion Loss	≤ 2.0 dB ^{*1} , ≤ 4.0 dB ^{*2}
Return Loss	≤ -45 dB ^{*1} ≤ -25 dB ^{*2}
Attenuation Range	≥ 60 dB ^{*3} ≥ 50 dB ^{*4}
Disable	≥ 100 dB ^{*5} ≥ 90 dB ^{*5}
Accuracy	± 0.15 dB (± 0.05 dB typ.)
Repeatability	± 0.05 dB (± 0.02 dB typ.)
Linearity	± 0.05 dB
Max. Input Power	+3 dBm (2 mW)
Max. Non-destruct Power	+10 dBm (100 mW) Ave +20 dBm (200 mW) Peak

*1 OA5002.

*2 OA5012/OA5022/OA5032.

*3 750-1350 nm.

*4 1350-1600 nm.

*5 OA5032.

Note: ^(a)For further technical information request Product Data Sheet #3TW-8032-1. ^(b)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.



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