

NEOS FOAOM

Two Port Coupled Acousto-Optical Modulator



Limited Availability
Used and in Excellent Condition

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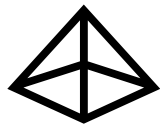
Artisan Technology Group

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NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

26035-2-1.55-LTD

DOCUMENT NUMBER: 56A15876A

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	AMTIR
Acoustic Mode	Longitudinal
Operating Wavelength	1064-2100 nm *
Window Configuration	AR Coated
Static Transmission	>95 % @ 1064nm * >97% @ 1550nm >90% @ 2100nm *
Operating Frequency	35.00 MHz
Diffraction Efficiency	>85 % @ 1064 nm >85 % @ 1550 nm >55 % @ 2100 nm
Light Polarization	Random
Optical Power Density:	<50KW/cm ²
Acoustic Aperture Size	2 mm
Rise Time	260 ns / mm Beam Diameter
Deflection Angle	14.8 mrad @ 1064 nm 20.6 mrad @ 1550 nm 29.3 mrad @ 2100 nm
RF Power Level	<1 Watt
Impedance	50 Ohms
VSWR	1.2:1 @ 35.00 MHz
Package:	53D2200
Acceptance Test Procedure:	42A12285
Acceptance Test Results form:	52A02488
Recommended Drivers:	
Analog Driver System: 21035-1AS	Digital Driver System: 21035-1DS
Analog Driver Module: 21035-1AM	Digital Driver Module: 21035-1DM

* Can be custom ordered "V" coated for wavelengths between 1064 nm and 2100 nm to improve the transmission to be > 97%. Standard coated for 1.55 nm.

For More Information, Contact: **neos@neostech.com** **Ph. (321) 242-7818** **Fax (321) 242-1019**

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APPROVED 3/22/04 W SEALE

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