

Fiber-Components

- How to work with fiber modulators:

- english:

Modulatorfiber_english

- german:

Modulatorfiber_german

Fiber AOM

Company: [AMS Technologies AG](#), [Gooch & Housego Torquay](#)



RF power: 0.4 W. Absolute maximum rating. Higher power will cause damage.

- Typ: SFO4504-T-M080-0.5C8J-3-F2P
- Fiber-coupled acousto-optic modulator, model Fibre-Q
<http://www.amstechnologies.com/products/optical-technologies/components/optics/acousto-optics/view/fibre-coupled-acousto-optic-modulators/>
 - Material: Amtir
 - Wavelength: 1550 nm
 - Operation frequency: +80 MHz
 - Polarisation maintaining fiber
 - Fibre length: 0.3M
 - Gibre-connector: FC/APC
 - Datasheet:
 - from AMS technologies:
Datasheet_Fiber-AOM-G&HT_AMS
 - from G&HT internetside:
Datasheet_Fiber-AOM-G&HT_G&HT

Company: [Laser2000](#), [Brimrose](#)



RF power: <0.5 W. Absolute maximum rating. Higher power will cause damage.

- Typ: BRI-AMF-80-4-1550-2FP-FC/APC-0.3
- Fiber-coupled acousto-optic modulator,
 - Material: Amtir
 - Wavelength: 1550 nm
 - Operation frequency: +80 MHz
 - Polarisation maintaining fiber

- Fibre length: 0.3M
- Gibre-connector: FC/APC
- Datasheet:

Datasheet_Fiber-AOM-Brimerose

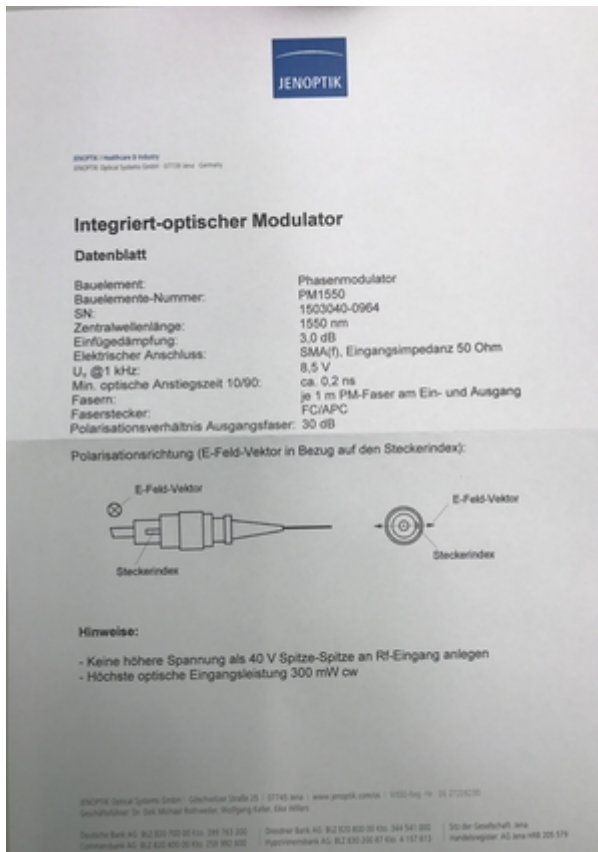
Fiber EOM

Company: [Jenoptik](#)



Do not apply voltages higher than 40V peak-peak to RF input.

- Typ: PM1550
 - Center wavelength: 1550 nm
 - Insertion loss: 3.0 dB
 - Electronic connector: SMA, Inputimpedanz: 50 Ohm
 - $U_{pi@1kHz}$: 8.5 V
 - Fiber-typ: PM
 - Fiber-connector: FC/APC
 - Fiber length: 1m
 - Crystall: Lithiumniobat ([Info_crystall](#))
 - Max optical input power: 300mW cw
- Datasheet:
 - german: [Datasheet Fiber-Eom_german](#)
 - english: [Datasheet Fiber-Eom_english](#)
 - supplied:



Fiber Coupler

50/50

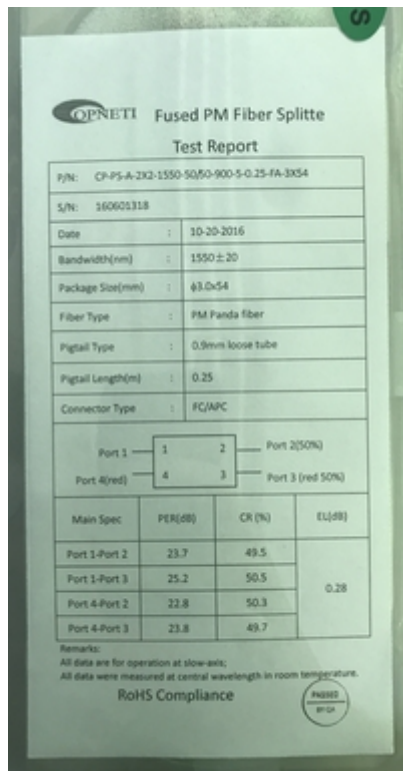
Company: **Opneti**

- Typ: CS-PS-A-2×2-1550-50/50-900-5-0.25-FA-3×54
 - Type: PS=PM Fused Coupler
 - Grade: A=Grade
 - Port Type: 2×2
 - Wavelength: 1550
 - Coupling Ratio: 50/50
 - Pigtail Type: 900=900um Loose Tube
 - Fiber Type: 5=Panda Fiber
 - Length: 0.25m
 - Connector: FA=FC/APC
 - Package: $\varnothing 3.0 \times 54$

- Datasheet:

Datasheet Fiber-coupler_50/50_Opneti

- Test report:



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