



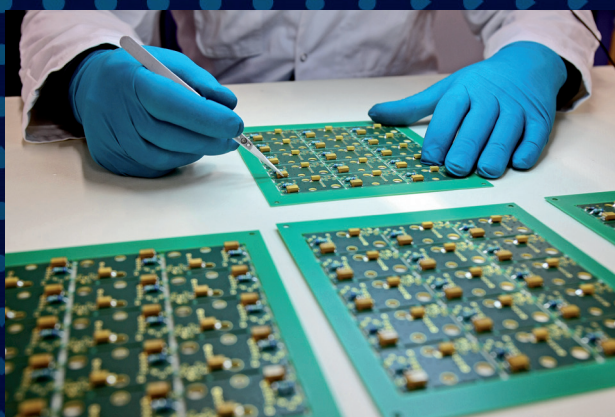
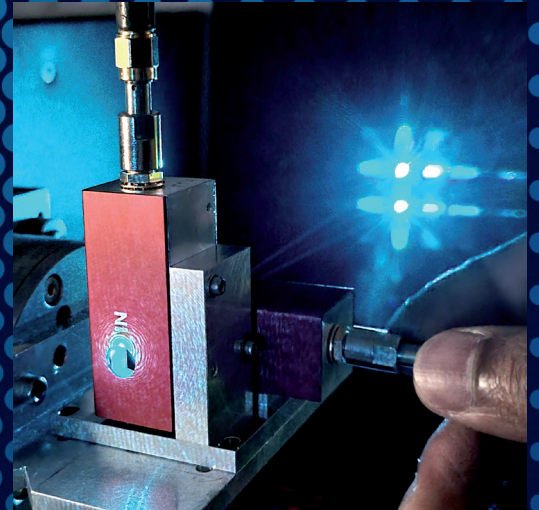
AA Opto-Electronic

Supplier of quality Acousto-optic components and their associated radio frequency drivers.

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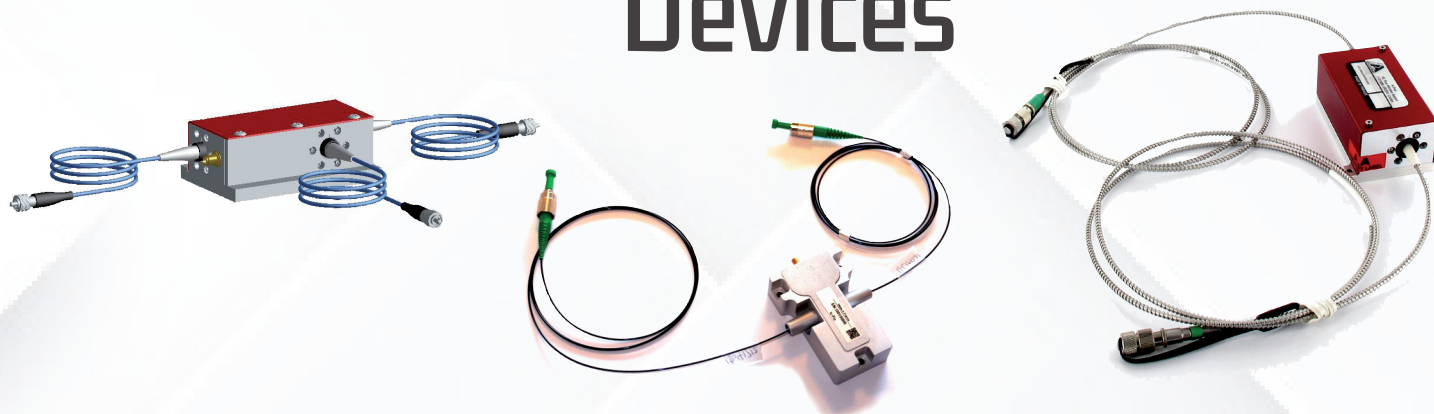
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Fiber Pigtailed Devices



Model	Packaging	Wavelength nm	Fiber Type	Configuration	Frequency Shift MHz	Rise Time ns	Max Laser Power W	Insertion Losses dB	Associated RF driver
MT180-G430-Fio-MM	Standard	488-532	MM	2 ports	180	<430	0.5	3	MODAxx
MQ180-G9-Fio-xx	Standard	488-532	PM	2 ports	180	9	0.1	3	MODAxx
MT80-G60-Fio-xx	Standard	488-532	SM, PM	2 ports	80	60	0.1	3	MODAxx
MT200-BG9-Fio-xx	Standard	488-561	SM, PM	2 ports	200	9	0.005	3	MODAxx
MT200-BG18-Fio-xx	Standard	488-561	SM, PM	2 ports	200	18	0.02	2	MODAxx
MT200-BG40-Fio-xx	Standard	488-561	SM, PM	2 ports	200	40	0.1	2	MODAxx
MT200-R9-Fio-xx	Standard	630-700	SM, PM	2 ports	200	9	0.1	3	MODAxx
MT200-R18-Fio-xx	Standard	630-700	SM, PM	2 ports	200	18	0.4	2	MODAxx
MT80-NIR60-Fio-xx	Standard	780-870	SM, PM	2 ports	80	60	0.5 or 2	2	MODAxx
MT110-NIR20-Fio-xx	Standard	780-870	SM, PM	2 ports	110	20	0.5 or 1	2.5	MODAxx
MT200-NIR10-Fio-xx	Standard	780-870	SM, PM	2 ports	200	10	0.5	3	MODAxx
MT250-NIR6-Fio-xx	Standard	780-870	SM, PM	2 ports	250	6	0.2	4	MODAxx
MT80-IR60-Fio-xx	Standard	980-1100	SM, PM	2 ports	80	60	0.5 or 5W	1.5	MODAxx
MT110-IR20-Fio-xx	Standard	980-1100	SM, PM	2 ports	110	20	0.5 or 5W	2	MODAxx
MT200-IR10-Fio-xx	Standard	980-1100	SM, PM	2 ports	200	10	0.5 or 1W	2.5	MODAxx
MT250-IR6-Fio-xx	Standard	980-1100	SM, PM	2 ports	250	6	0.5	3.5	MODAxx
MT250-IR6-Fio-PM0,5-J1-A-Ic	Compact	1030-1064	PM	2 Ports	250	6	0.5	3.5	MODAxx
MT200-IR10-Fio-PM-J1-A-Ic	Compact	1030-1064	PM	2 Ports	200	10	1	2.5	MODAxx
MA40-IR55-Fio-SM-J1-A-Ic2	Compact	1500-1600	SM	2 Ports	40	55	0.1	2	MODAxx
MT80-IR30-Fio-PM0,5-J1-A-Ic2	Compact	1500-1600	PM, SM	2 Ports	80	30	0.5	2	MODAxx
MT110-IR25-3Fio-xx	Standard	980-1100	SM, PM	3 ports	110	25	0.5, 5	2.5	MODAxx
MA40-IIR-120-Fio-xx	Standard	1250-1650	SM, PM	2 ports	40	120	0.5	2	MODAxx
MT40-IIR80-Fio-xx	Standard	1250-1650	SM, PM	2 ports	40	80	0.5 or 5	2	MODAxx
MT80-IIR30-Fio-xx	Standard	1250-1650	SM, PM	2 ports	80	30	0.5 or 5	2	MODAxx
MT110-IIR20-Fio-xx	Standard	1250-1650	SM, PM	2 ports	110	20	0.5 or 5	3.5	MODAxx
MT160-IIR10-Fio-xx	Standard	1250-1650	SM, PM	2 ports	160	10	0.5 or 1	5	MODAxx
MT200-IIR30-Fio-xx	Standard	1250-1650	SM, PM	2 ports	200	30	0.5 or 5	5	MODAxx
MT110-IIR25-3Fio-xx	Standard	1250-1650	SM, PM	3 ports	110	25	0.5, 5	3	MODAxx
MT80-FIR40-Fio-xx	Standard	1850-2100	SM, PM	2 ports	80	<40	0.5 or 5	4	MODAxx

Modulators & Fixed frequency Shifters

Model	Material	Wavelength nm	Aperture mm ²	Frequency Shift MHz	Polar	Rise Time ns	Efficiency %	Associated RF driver
MQ200-A1,5-244.266.Br	Fused silica	244-266	1,5 x 2	200	Linear	60	85	MODAxx
MQ200-A1,5-266.300	Fused silica	266-300	1,5 x 2	200	Linear	60	85	MODAxx
MQ180-A0,2-266.300	Fused silica	266-300	0,2 x 1	180	Linear	10	85	MODAxx
MQ180-A0,2-UV	Fused silica	325-425	0,2 x 1	180	Linear	10	80	MODAxx
MQ110-A3-UV	Fused silica	325-425	3 x 3	110	Linear	50	90	MODAxx
MQ240-A0,2-UV	Fused silica	325-425	0,2 x 1	240	Linear	6	70	MODAxx
MQ180-A0,25-VIS	Fused silica	440-650	0,25 x 1	180	Linear	10	70	MODAxx
MCQ110-A2-VIS	Quartz	488-633	2 x 2	110	Linear	50	85	MODAxx
MT350-A0.12-VIS	TeO2	450-700	0,12 x 1	350	Linear	5	80	MODAxx
MT250-A0.5-VIS	TeO2	450-700	0,5 x 2	250	Linear	6	85	MODAxx
MT200-A0.5-VIS	TeO2	450-700	0,5 x 2	200	Linear	8	85	MODAxx
MT110-A1-VIS	TeO2	450-700	1 x 2	110	Linear	15	85	MODAxx
MT110-A1.5-VIS	TeO2	450-700	1,5 x 2	110	Linear	50	85	MODAxx
MT80-A1-VIS	TeO2	450-700	1 x 2	80	Linear	23	85	MODAxx
MT80-A1.5-VIS	TeO2	450-700	1,5 x 2	80	Linear	50	85	MODAxx
MTS110-A3-VIS	TeO2	458-633	3 x 3	110	Linear	1000	85	MODAxx
MTS40-A2-532.700-M002	TeO2	532-700	2 x 2	40	Linear	1000	85	MODAxx
MTS40-A3-750.850	TeO2	750-850	3 x 3	40	Linear	1000	85	MODAxx
MT110-B50A1.5-IR-Hk	TeO2	690-1064	1,5 x 2	110 +/- 25	Linear	50	80	MPDSnCxx
MT110-B69A1.5-680.1300-Lfv-Hk	TeO2	680-1300	1,5 x 2	110 +/- 34.5	Linear	50	80	MPDSnCxx
MT350-A0.12-800	TeO2	700-950 (1100)	0,12 x 1	350	Linear	5	80	MODAxx
MT250-A0.5-VIS	TeO2	700-950 (1100)	0,5 x 2	250	Linear	6	80	MODAxx
MT200-A0.5-800	TeO2	700-950 (1100)	0,5 x 2	200	Linear	8	85	MODAxx
MT110-A1-IR	TeO2	700-950 (1100)	1 x 2	110	Linear	15	85	MODAxx
MT110-A1.5-IR	TeO2	700-950 (1100)	1,5 x 2	110	Linear	50	85	MODAxx
MT80-A1-IR	TeO2	700-950 (1100)	1 x 2	80	Linear	23	85	MODAxx
MT80-A1.5-IR	TeO2	700-950 (1100)	1,5 x 2	80	Linear	50	85	MODAxx
MT200-A0.5-1064	TeO2	980-1100	0,4 x 2	200	Linear	8	80	MODAxx
MT200-A0.2-1064	TeO2	980-1100	0,2 x 1	200	Linear	8	80	MODAxx
MT110-A1-1064	TeO2	980-1100	1 x 2	110	Linear	15	85	MODAxx
MT80-A1-1064	TeO2	980-1100	1 x 2	80	Linear	23	85	MODAxx
MT80-A1.5-1064	TeO2	980-1100	1,5 x 2	80	Linear	50	85	MODAxx
MQ80-A0,7-L1030.1064-Z20	SiO2	1030-1080	0,7 x 1	80	Linear	120	85	MODAxx
MQ40-A3-L1064-W	SiO2	1030-1080	3 x 3	40	Linear	120	85	MODAxx
MCQ40-A1.5-L1064-Z32-Cxxx	Quartz	1030-1080	1,5 x 1,5	40	Linear	80	85	MODAxx
MCQ80-A2-L1064-Z32-Cxxx	Quartz	1030-1080	2 x 2	80	Linear	80	85	MODAxx
MGAS40-A1	Dopped Glass	1300-1600	1 x 2	40	Random	50	85	MODAxx
MGAS80-A1	Dopped Glass	1300-1600	1 x 2	80	Random	50	85	MODAxx
MGAS110-A1	Dopped Glass	1300-1600	1 x 2	110	Random	25	85	MODAxx
MT80-A0,7-1300.1600	TeO2	1300-1600	0,7 x 3	80	Linear	80	65	MODAxx
MT80-A0,4-2000	TeO2	1900-2100	0,4 x 1	80	Linear	25	65	MODAxx

Deflectors & Variable Frequency Shifters

High Resolution Deflectors

Model	Wavelength mm	Version	Aperture mm ²	Resolution TDF	Scan angle @ λc mrd/mrd ²	Min Efficiency %
DTSX-400-405	405	1-axis	7.5x7.5	415	28	40%
DTSXY-400-405	405	2-axis	7.5x7.5	415 x 415	28	70%
DTSX-400-420	420	1-axis	7.5x7.5	460	32	40%
DTSXY-400-420	420	2-axis	7.5x7.5	460 x 460	32	40%
DTSX-400-445	445	1-axis	7.5x7.5	460	34	70%
DTSXY-400-445	445	2-axis	7.5x7.5	460 x 460	34	40%
DTSX-400-458	458	1-axis	7.5x7.5	460	35	70%
DTSX-400-458	458	2-axis	7.5x7.5	460 x 460	35	40%
DTSX-400-478	478 ± 2	1-axis	7.5x7.5	460	36	70%
DTSXY-400-478	478 ± 2	2-axis	7.5x7.5	460 x 460	36	40%
DTSX-400-488	488	1-axis	7.5x7.5	460	37	70%
DTSXY-400-488	488	2-axis	7.5x7.5	460 x 460	37	40%
DTSX-400-515	515	1-axis	7.5x7.5	460	39	70%
DTSXY-400-515	515	2-axis	7.5x7.5	460 x 460	39	40%
DTSX-400-525	525	1-axis	7.5x7.5	460	40	70%
DTSXY-400-525	532	2-axis	7.5x7.5	460 x 460	40	40%
DTSX-400-532	532	1-axis	7.5x7.5	460	40	70%
DTSXY-400-532	532	2-axis	7.5x7.5	460 x 460	40	40%
DTSX-400-556	556 ± 6	1-axis	7.5x7.5	460	42	70%
DTSXY-400-556	556 ± 6	2-axis	7.5x7.5	460 x 460	42	40%
DTSX-400-594	594	1-axis	7.5x7.5	460	45	70%
DTSXY-400-594	594	2-axis	7.5x7.5	460 x 460	45	50%
DTSX-400-610	608 ± 2	1-axis	7.5x7.5	460	46	70%
DTSXY-400-610	608 ± 2	2-axis	7.5x7.5	460 x 460	46	50%
DTSX-400-640	640 ± 7	1-axis	7.5x7.5	460	49	70%
DTSXY-400-640	640 ± 7	2-axis	7.5x7.5	460 x 460	49	50%
DTSX-400-689	689	1-axis	7.5x7.5	460	53	70%
DTSXY-400-689	689	2-axis	7.5x7.5	460 x 460	53	50%
DTSX-400-698	701.5 ± 3.5	1-axis	7.5x7.5	460	54	70%
DTSXY-400-698	701.5 ± 3.5	2-axis	7.5x7.5	460 x 460	54	50%
DTSX-400-730	735 ± 5	1-axis	7.5x7.5	350	43	70%
DTSXY-400-730	735 ± 5	2-axis	7.5x7.5	350 x 350	43	50%
DTSX-400-760	759	1-axis	7.5x7.5	332	42	70%
DTSXY-400-760	759	2-axis	7.5x7.5	332 x 332	42	50%
DTSX-400-770	770	1-axis	7.5x7.5	332	43	70%
DTSXY-400-770	770	2-axis	7.5x7.5	332 x 332	43	50%
DTSX-400-780	780 ± 15	1-axis	7.5x7.5	332	43	70%



High Resolution Deflectors

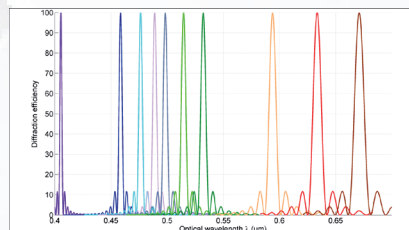
Model	Wavelength mm	Version	Aperture mm ²	Resolution TDF	Scan angle @ λc mrd/mrd ²	Min Efficiency %
DTSXY-400-780	780 ± 15	2-axis	7.5x7.5	332 x 332	43	50%
DTSX-400-800	800 ± 20	1-axis	7.5x7.5	332	44	70%
DTSXY-400-800	800 ± 20	2-axis	7.5x7.5	332 x 332	44	50%
DTSX-400-850	851 ± 1	1-axis	7.5x7.5	332	47	70%
DTSXY-400-850	851 ± 1	2-axis	7.5x7.5	332 x 332	47	50%
DTSX-400-900	907.5 ± 7.5	1-axis	7.5x7.5	304	46	70%
DTSXY-400-900	907.5 ± 7.5	2-axis	7.5x7.5	304 x 304	46	50%
DTSX-400-935	930 ± 15	1-axis	7.5x7.5	304	47	70%
DTSXY-400-935	930 ± 15	2-axis	7.5x7.5	304 x 304	47	50%
DTSX-400-980	980	1-axis	7.5x7.5	304	50	70%
DTSXY-400-980	980	2-axis	7.5x7.5	304 x 304	50	50%
DTSX-400-1010	1010	1-axis	7.5x7.5	276	21	70%
DTSXY-400-1010	1010	2-axis	7.5x7.5	276 x 276	21	50%
DTSX-400-1030	1030	1-axis	7.5x7.5	276	48	70%
DTSXY-400-1030	1030	2-axis	7.5x7.5	276 x 276	48	50%
DTSX-400-1064	1064	1-axis	7.5x7.5	276	49	70%
DTSXY-400-1064	1064	2-axis	7.5x7.5	276 x 276	49	50%
DTSX-A6-1450	1450	1-axis	6x6	138	40	70%
DTSXY-A6-1450	1450	2-axis	6x6	138 x 138	40	50%
DTSX-A6-1550	1550	1-axis	6x6	138	43	70%
DTSXY-A6-1550	1550	2-axis	6x6	138 x 138	43	50%
DTSX-xx	in 405-1550	1-axis	TBD	TBD	TBD	70%
DTSXY-xx	in 405-1550	2-axis	TBD	TBD	TBD	40%

Low Resolution Deflectors & Variable frequency

Model	Wavelength nm	Aperture mm ²	Center Frequency MHz	Frequency range MHz	Polarisation	Resolution TDF	Scan Angle mrd	Diffraction Efficiency %
MQ200-B30A1,5-244.266.Br	244-266	1.5 x 2	200+/-15	30	Linear	5	1.3	60
MQ110-B30A1-UV	325-425	1 x 2	110+/-15	30	Linear	10	1.8	60
MT200-B50A0,5-400.442	400-442	0,5 x 2	200+/-25	50	Linear/random	23	5.4	80
MT200-B100A0,5-VIS	450-700	0,5 x 2	200+/-50	100	Linear/random	47	12.6	70
MT110-B50A1-VIS	450-700	1 x 2	110+/-25	50	Linear/random	23	6.3	65
MT110-B50A1,5-VIS	450-700	1,5 x 2	110+/-25	50	Linear/random	23	6.3	65
MT80-B30A1-VIS	450-700	1 x 2	80+/-15	30	Linear/random	14	3.8	65
MT80-B30A1,5-VIS	450-700	1,5 x 2	80+/-15	30	Linear/random	14	3.8	65
MT200-B100A0,5-800	750-950	0,5 x 2	200+/-50	100	Linear/random	47	18.6	60
MT200-B40A1-800	750-950	1 x 2	200+/-20	40	Linear/random	19	7.4	70
MT350-B120A0.12-800	750-950	0,12 x 1	350+/-60	120	Linear/random	28	22.8	60
MT250-B100A0,5-800	750-950	0,5 x 2	250+/-50	100	Linear/random	47	19	60
MT200-B100A0,5-800	750-950	0,5 x 2	200+/-50	100	Linear/random	47	19	60
MT110-B50A1-IR	700-1100	1 x 2	110+/-25	50	Linear/random	23	9.5	60
MT110-B50A1,5-IR	700-1100	1,5 x 2	110+/-25	50	Linear/random	23	9.5	60
MT80-B30A1-IR	700-1100	1 x 2	80+/-15	30	Linear/random	14	5.7	70
MT80-B30A1,5-IR	700-1100	1,5 x 2	80+/-15	30	Linear/random	14	5.7	70
MT200-B100A0,5-1064	980-1100	0,4 x 2	200+/-50	100	Linear/random	47	25.3	35
MT200-B100A0,2-1064	980-1100	0,2 x 1	200+/-50	100	Linear/random	47	25.3	60
MT110-B50A1-1064	980-1100	1 x 2	110+/-25	50	Linear/random	23	12.6	55
MT80-B30A1-1064	980-1100	1 x 2	80+/-15	30	Linear/random	14	7.6	60
MT80-B30A1,5-1064	980-1100	1,5 x 2	80+/-15	30	Linear/random	14	7.6	60

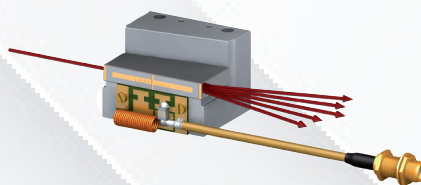
Tunable Filters

AOTF



Model	Wavelength nm	Aperture mm ²	Number of Channels	Drive Frequency MHz	Resolution nm	Efficiency %	Associated RF driver
AOTFnC-400.650-TN	400-650	3 x 3	8	74-158	1.0-4.0	85	MPDSnCxx
AOTFnC-VIS-TN	450-700	3 x 3	8	80-153	0.6 - 2.1	85	MPDSnCxx
AOTFnC-400.650-CPCh-TN	400-650	2.5 x 2.5	8	52-111	1.6-7.6	85	MPDSnCxx

Q-Switches



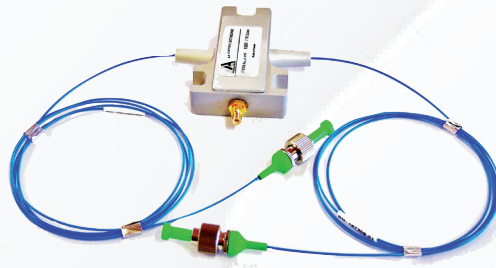
Model	Material	Polarization	Carrier Frequency MHz	Aperture mm ²	Losses %	Optical Length mm	Associated RF driver
QCQ40-A1,5-L1064-Z32	QUARTZ	Linear	40.68	1.5 x 2	> 80	32	QMODP0xx
QCQ80-A1,2-L1064-Z32	QUARTZ	Linear	80	1.2 x 2	> 80	32	QMODP0xx

Pulse Pickers



Free Space

Model	Material	Wavelength nm	Aperture mm ²	Min beam diameter µm	Rise Time ns	Max Input Laser Repe- tition Rate Mhz	Efficiency %	Associated RF drivers
MT250-A0.12-800	TeO2	700-950	0.12 x 1	37.5	6	80	70 - 85	PPKxx or MODAxx
MT200-A0.5-800	TeO2	700-950	0.5 x 1	250	40	12.5	75 - 85	PPKxx or MODAxx
MT200-A0.2-1064	TeO2	980-1100	0.2 x 1	65.5	10	50	75 - 85	PPKxx or MODAxx
MT80-A1.5-1064	TeO2	980-1064	1.5 x 2	0.7	112	4	70-85	PPKxx or MODAxx
MT250-A0.12-1030.1064	TeO2	1030-1064	0.12 x 1	37.5	6	80	70 - 85	PPKxx or MODAxx
MCQ80-A2-L1064-Z32	Quartz	1030-1080	2x2	0.7	80	6	70-85	PPKxx or MODAxx
MCQ40-A1.5-L1064-Z32	Quartz	1030-1080	1,5x1,5	0.7	80	6	70-85	PPKxx or MODAxx

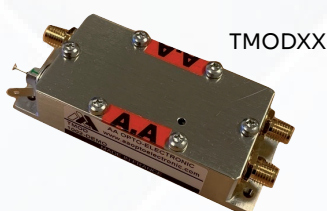


Fiber Pigtailed

Model	Packaging	Wavelength nm	Fiber Type	Rise Time ns	Max Input Laser Repe- tition Rate	Max Laser Power W	Insertion Losses nom dB	Associated RF driver
MT110-IR20-Fio-xx	Standard	980-1100	SM, PM	20	25	0.5 or 5W	2	PPKxx or MODAxx
MT200-IR10-Fio-xx	Standard	980-1100	SM, PM	10	50	0.5 or 1W	2.5	PPKxx or MODAxx
MT250-IR6-Fio-xx	Standard	980-1100	SM, PM	6	80	0.5	3.5	PPKxx or MODAxx
MT250-IR6-Fio-PM0,5-J1-A-lc	Compact	1030-1064	PM	6	80	0.5	3.5	PPKxx or MODAxx
MT200-IR10-Fio-PM-J1-A-lc	Compact	1030-1064	PM, PLMA	10	50	1	2.5	PPKxx or MODAxx
MT80-IIR30-Fio-PM0,5-J1-A-lc2	Compact	1500-1600	PM, SM	30	16	0.5	2	PPKxx or MODAxx
MT80-IIR30-Fio-xx	Standard	1250-1650	SM, PM	30	16	0.5 or 5	2	PPKxx or MODAxx
MT110-IIR20-Fio-xx	Standard	1250-1650	SM, PM	20	25	0.5 or 5	3.5	PPKxx or MODAxx
MT160-IIR10-Fio-xx	Standard	1250-1650	SM, PM	10	50	0.5 or 1	5	PPKxx or MODAxx
MT200-IIR30-Fio-xx	Standard	1250-1650	SM, PM	30	16	0.5 or 5	5	PPKxx or MODAxx
MT80-FIR40-Fio-xx	Standard	1850-2100	SM, PM	40	12.5	0.5 or 5	4	PPKxx or MODAxx

Fixed Frequency Drivers

For Modulators, Fixed Frequency Shifters, Pulse Pickers, Q-Switches...



Model	Frequency	AM control(s)	Power supply	Output power	Package	Type
MODAXX	Standard: 35, 40, 68, 80, 110, 160, 180, 200, 250, 350 MHz (Other on request)	Analog 0-1V or 0-5V /1KOhms + TTL/1 KOhms	24VDC 110-230VAC	1, 2, 4, 5, 10, 15, 20 Watts	MODA or Labortary	Standard Class A
TMODXX	Any in [20-160]MHz	Analog 0-5V /1KOhms + TTL/1 KOhms	12VDC	1, 2 Watts	TMOD	Ultra compact Class A
QMODP0AXX	24, 27,12, 40,68, 68, 80, 110MHz	Analog 0-5V /1KOhms + TTL/1 KOhms	24VDC	10, 15, 20, 25 Watts	QMODP0A	Standard Class B
QMODP2AXX	24, 27,12, 40,68, 68, 80, 110MHz	Analog 0-5V /1KOhms + TTL/1 KOhms	24VDC	10, 15, 20 Watts	QMODP2A	Compact Class A
QMODP1AXX	24, 27,12, 40,68, 68, 80, 110MHz	Analog 0-5V /1KOhms + TTL/1 KOhms	24VDC	20, 40, 50, 70, 80 Watts	QMODP1	Class B Thermal security switches + Output/Return power monitoring signals
QMODP1AXX-F	24, 27,12, 40,68, 68, 80MHz	Analog 0-5V /1KOhms + TTL/1 KOhms	48VDC	100, 150, 200 Watts	QMODP1	Class B Thermal security switches + Output/Return power monitoring signals

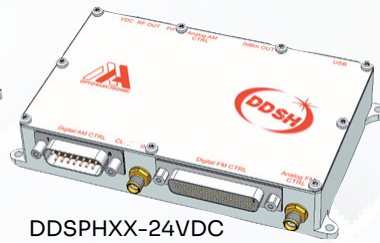


Variable Frequency Drivers

For Deflectors, Variable Frequency Shifters, AOTFs...



DDSPAXX-24VDC



DDSPHXX-24VDC



DRFA10XX-24VDC



MPDSnCX-24VDC

Single Output

Model	Frequency range	FM control(s)	AM control(s)	Power supply	Output power	Package	Type
DRFA10YXX	Standard: 50-110, 60-150, 90-210, 150-300, 180-470MHz (Other on request)	Analog 0-10V/1KOhms	Analog 0-5V/50 Ohms	24VDC 110-230VAC	0dBm (24VDC) associated to Amplifier for 110- 230VAC	DRFA or Lab	VCO (Voltage Controlled Oscil- lator) Option 2 outputs
DDSPAXX	10-400 MHz	15, 23, 31 Bits Resolution down to 0,23Hz	Analog 0-5V /50 Ohms	24VDC 110-230VAC	0dBm (24VDC) associated to Ampli- fier for 110-230VAC	DDS or Lab	DDS (Direct Digital Synthesizer) Option 2 outputs
DDSHXX	10-1400 MHz	31 Bits / Analog 0-1V/100 Ohms / USB Resolution down to 0,81Hz	14 Bits / Analog 0-5V /50 Ohms / USB	24VDC 110-230VAC	0dBm (24VDC) - associated to Ampli- fier for 110-230VAC	DDSH or Lab	DDS (Direct Digital Synthesizer)
MPDSnCX	10-275 MHz	USB Resolution 1 KHz	Analog 0-5V or 0-10V /10Kohms / USB	24VDC 110-230VAC	1, 2, 4, 8 Watts	MPDSnC or Lab	DDS (Direct Digital Synthesizer) Options: multi channels/Multi Outputs



DDSPAXX-110-230VAC - 2 OUTPUTS



DDSPAXX-110-230VAC

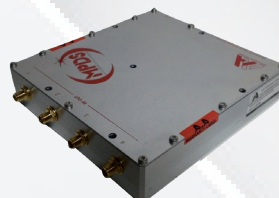
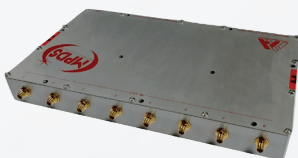


DRFA10YXX-110-230VAC - 1& 2 OUTPUTS

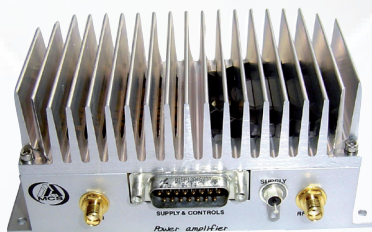
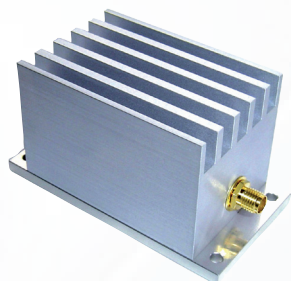
Multi Outputs

Model	Number of outputs	Frequency range	FM control(s)	AM control(s)	Power supply	Output power	Package	Type
MPDS1C2X-XX MPDS2C4X-XX MPDS2C8X-XX	2 4 8	10-275 MHz	USB Resolution 1 KHz	Analog 0-5V or 0-10V /10Kohms / USB	24VDC	1, 2, 4, 8 Watts	MPDS1C2X MPDS2C4X MPDS2C8X	DDS (Direct Digital Synthesizer)

OPTIONS: High Resolution, Phase control, External clock - on request



Power Amplifiers

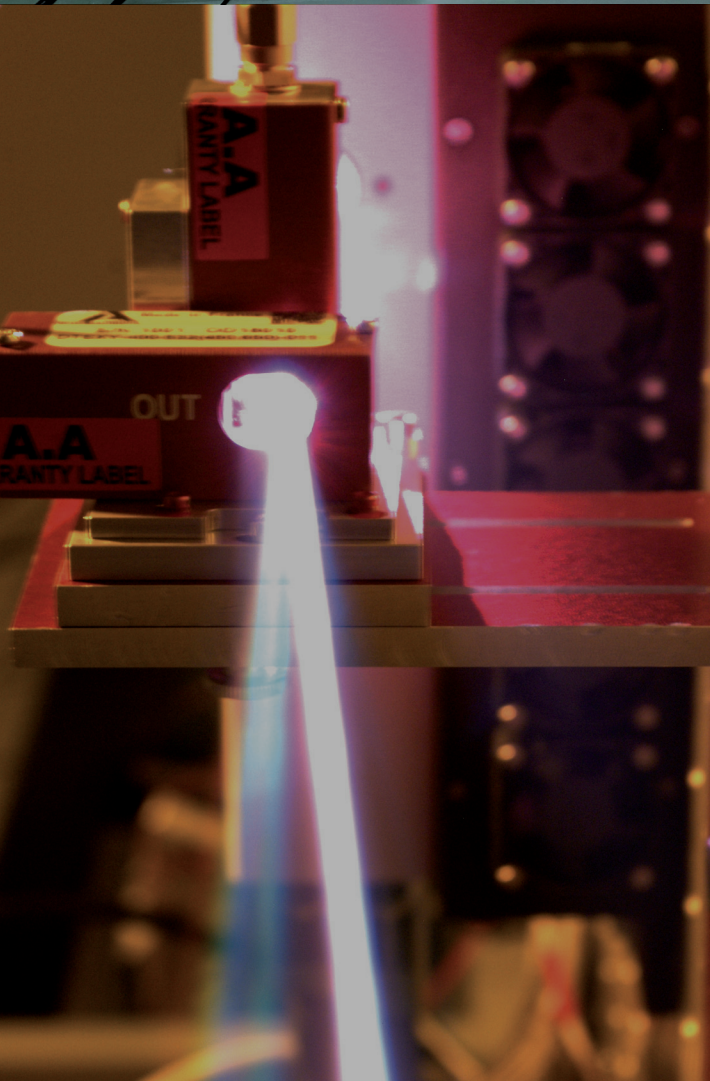
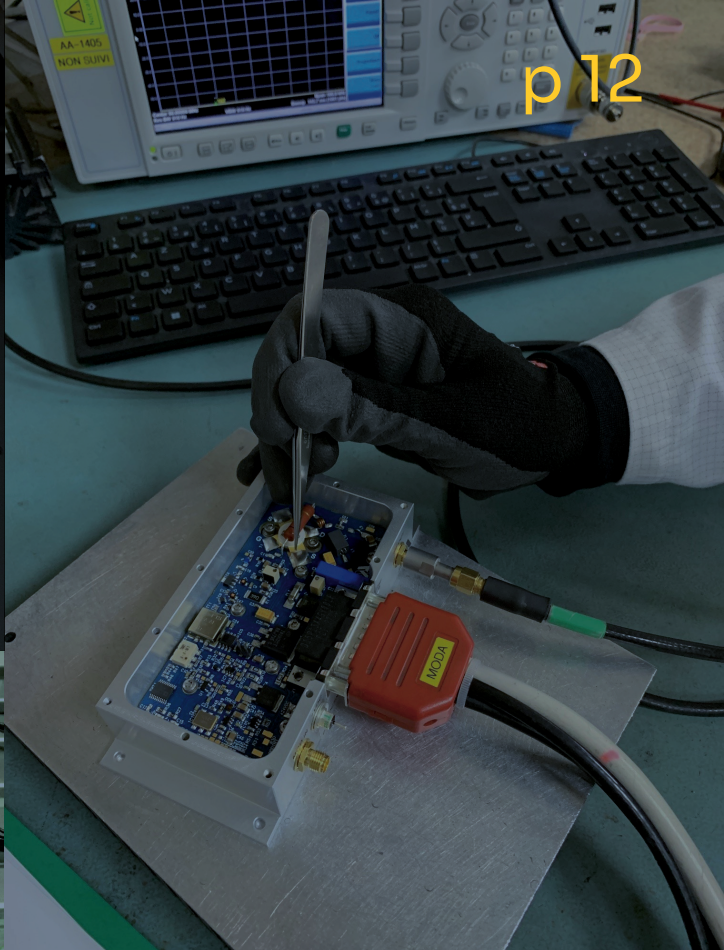
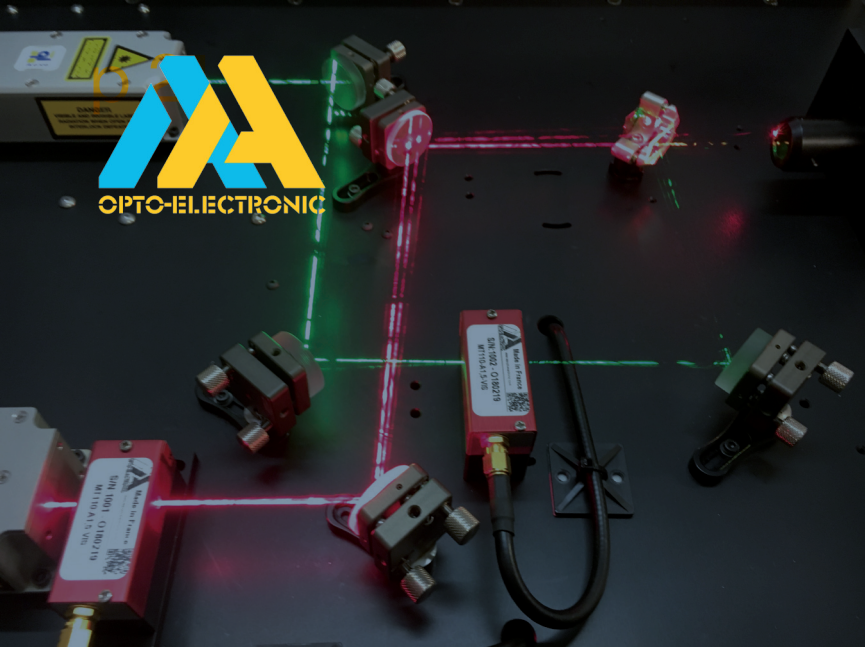


Model	Frequency Range MHz	Gain nom dB	Output Power nom W	Flatness dB	Power Supply
AMPB-B-30-10.500	10-500	35	1	+/-1	24VDC
AMPB-B-34-10.500	10-500	38	2,5	+/- 1	24VDC
AMPB-B-36-10.500	10-500	40	4	+/- 1	24VDC
AMPB-B-30-10.900	10-900	35	1	+/-1.5	24VDC
AMPB-B-34-10.900	10-900	38	2,5	+/- 1.5	24VDC
AMPB-B-36-10.900	10-900	40	4	+/- 1.5	24VDC
AMPA-B-40-x	50-150	43	10	+/- 1	24VDC
AMPA-B-43-x	30-50, 60-105, 110-150, 150-210	46	20	+/- 0.75	24VDC
AMPA-B-47-x	35-45	48	50	+/-0.75	24VDC
AMPA-F-50-x	35-45	48	100	+/-0.75	48VDC

Multi outputs

Model	Number of outputs	Frequency Range MHz	Gain nom dB	Output Power nom W	Flatness dB	Power Supply
AMPB8X-D-30-10.500	8	10-500	35	1	+/-1	Rack 19" 110-230VAC
AMPB8X-D-34-10.500	8	10-500	38	2,5	+/- 1	Rack 19" 110-230VAC
AMPB8X-D-36-10.500	8	10-500	40	4	+/- 1	Rack 19" 110-230VAC







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