



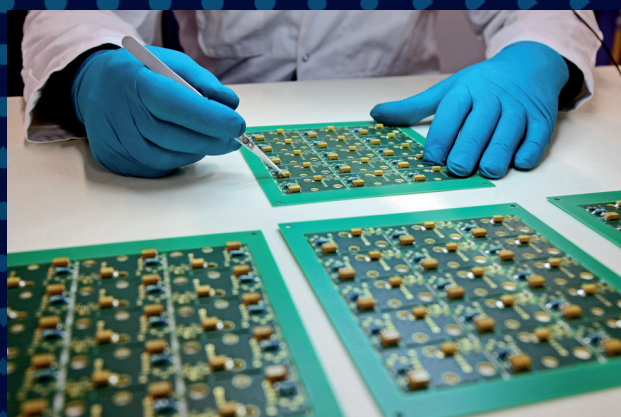
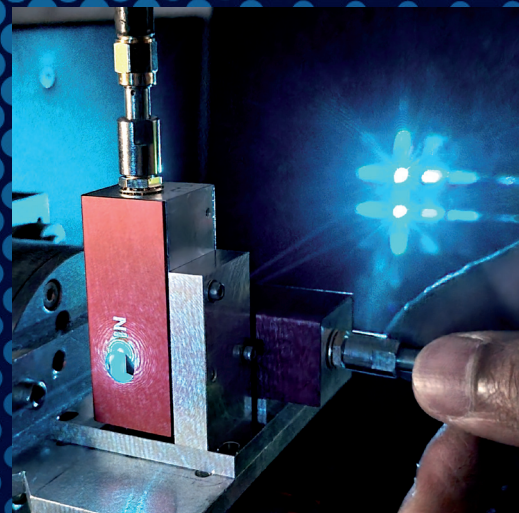
AA Opto-Electronic

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

Contents

ACOUSTO-OPTIC

- 3 Fiber Pigtailed Devices
- 4 Modulators & Fixed Frequency Shifters
- 5 Deflectors & Variable Frequency Shifters
- 7 Tunable Filters (AOTF)
- 7 Q-Switches
- 8 Pulse Pickers



RF DRIVERS

9 Fixed Frequency Drivers

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

10 Variable Frequency Drivers

VCO, DDS, for Deflectors, Variable Frequency Shifters, AOTFs...

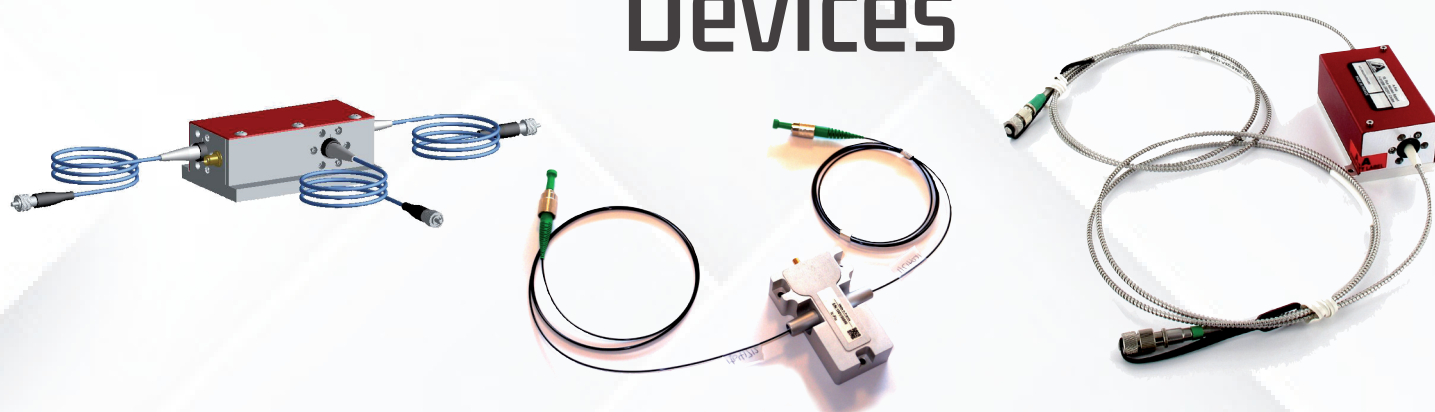
10 Multi-outputs DDS

10 Phase controlled DDS

10 External Ref DDS

11 Power amplifiers

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-IIR55-Fio-SM-J1-A-Ic2	Compact	1500-1600	SM	2 Ports	40	55	0.1	2	MODAxx
MT80-IIR30-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	MPDSnCx
MT110-B69A1.5-680.1300-Lfv-Hk	TeO2	680-1300	1,5 x 2	110 +/- 34.5	Linear	50	80	MPDSnCx
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 @ λ_c 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

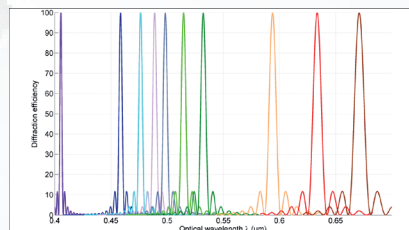
Model	Wavelength mm	Version	Aperture mm ²	Resolution TDF	Scan angle @ λ_c mrd/mrd ²	Min Efficiency %
DTSXY-400-780	780 ± 15	2-axis	7.5x7.5	332 x 332	43	50%
DTSX-400-800	800 ± 20	1-axis	7.5x7.5	332	44	70%
DTSXY-400-800	800 ± 20	2-axis	7.5x7.5	332 x 332	44	50%
DTSX-400-850	851 ± 1	1-axis	7.5x7.5	332	47	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

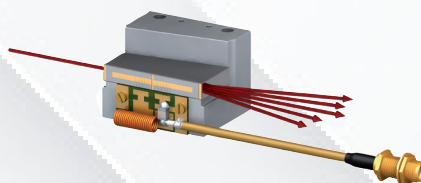
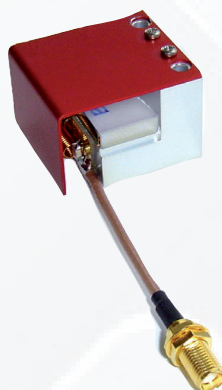
Tunable Filters

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



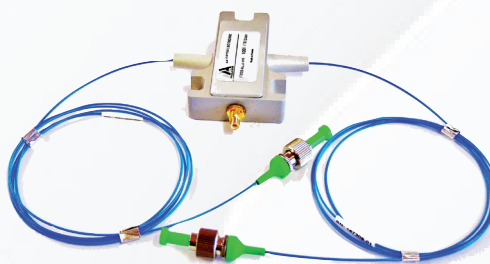
Model	Material	Polarization	Carrier Frequency MHz	Aperture mm ²	Losses %	Optical Length mm	Associated RF driver
QCQ40-A1,5-L1064-Z32	QUARTZ	Linear	40.68	1.5 x 2	> 80	32	QMODP0xx
QCQ80-A1,2-L1064-Z32	QUARTZ	Linear	80	1.2 x 2	> 80	32	QMODP0xx

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

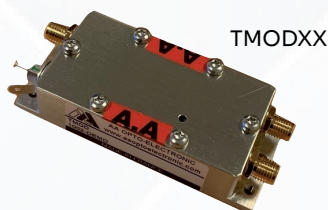
Model	Packaging	Wavelength nm	Fiber Type	Rise Time ns	Max Input Laser Repe- tition Rate	Max Laser Power W	Insertion Losses nom dB	Associated RF driver
MT110-IR20-Fio-xx	Standard	980-1100	SM, PM	20	25	0.5 or 5W	2	PPKxx or MODAxx
MT200-IR10-Fio-xx	Standard	980-1100	SM, PM	10	50	0.5 or 1W	2.5	PPKxx or MODAxx
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-Ic	Compact	1030-1064	PM	6	80	0.5	3.5	PPKxx or MODAxx
MT200-IR10-Fio-PM-J1-A-Ic	Compact	1030-1064	PM, PLMA	10	50	1	2.5	PPKxx or MODAxx
MT80-IIR30-Fio-PM0,5-J1-A-Ic2	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...



MODAXX-24VDC



TMODXX



MODAXX-110-230VAC

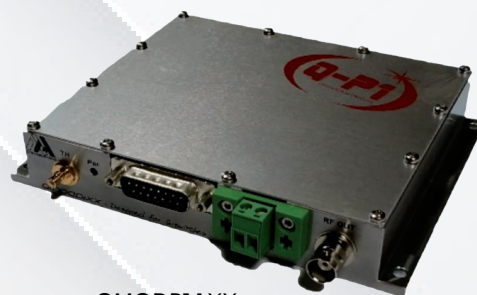
Model	Frequency	AM control(s)	Power supply	Output power	Package	Type
MODAXX	Standard: 35, 40, 68, 80, 110, 160, 180, 200, 250, 350 MHz (Other on request)	Analog 0-1V or 0-5V /1Kohms + TTL/1 KOhms	24VDC 110-230VAC	1, 2, 4, 5, 10, 15, 20 Watts	MODA or Labotary	Standard Class A
TMODXX	Any in [20-160]MHz	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



QMODP2AXX



QMODP0AXX



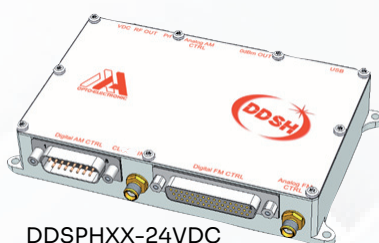
QMODP1AXX

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 Oscillator) 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 Amplifier 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 Amplifier 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	MPDSn or Lab	DDS (Direct Digital Synthesizer) Options: multi channels/Multi Outputs



DDSPAXX-110-230VAC - 2 OUTPUTS



DDSPAXX-110-230VAC

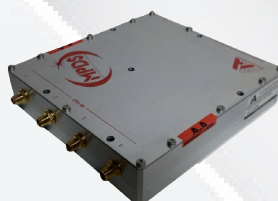
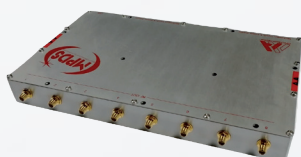


DRFA10YXX-110-230VAC - 1& 2 OUTPUTS

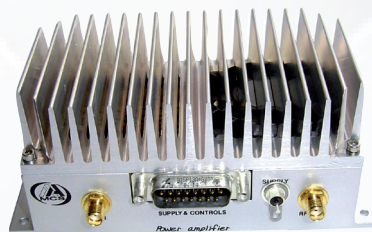
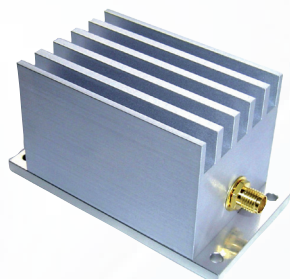
Multi Outputs

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

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



Power Amplifiers

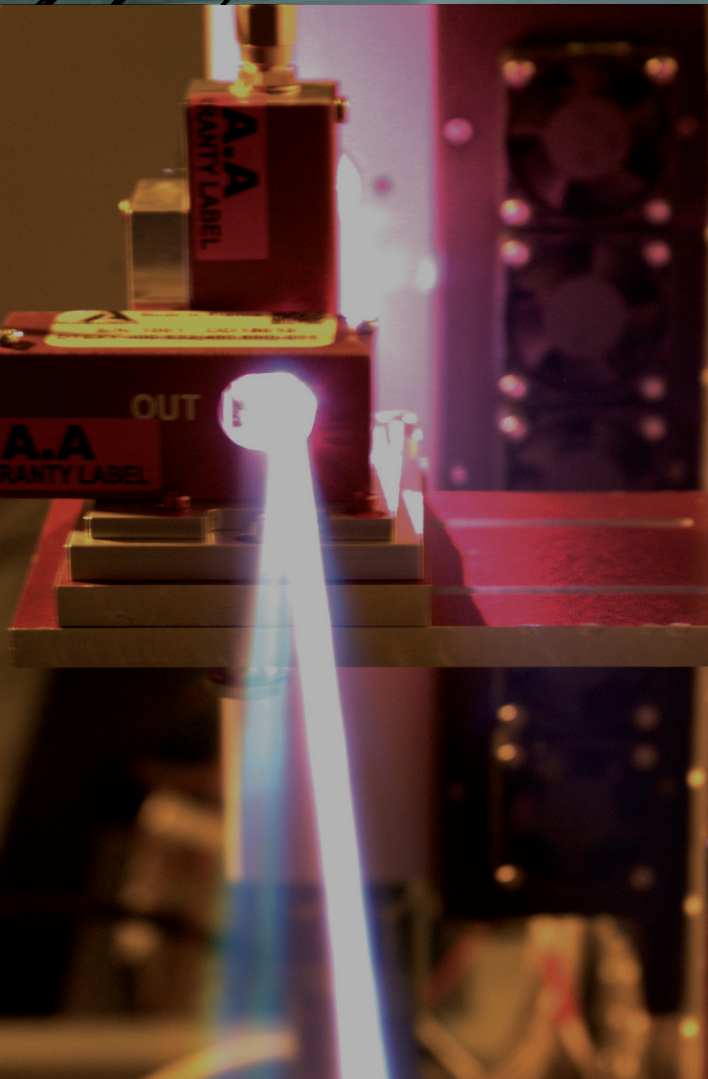
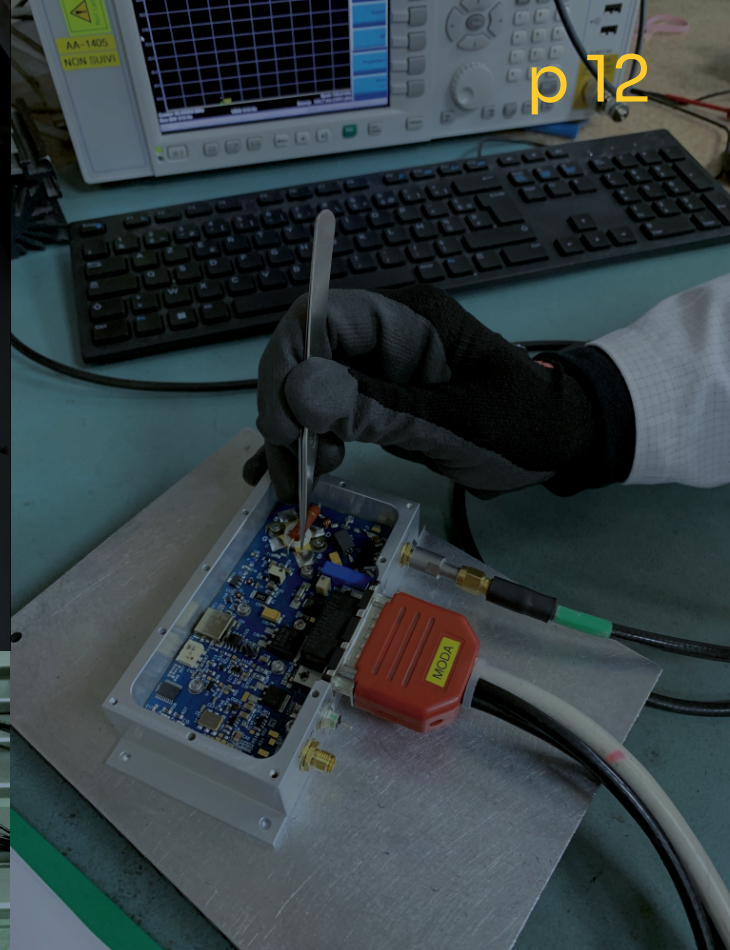
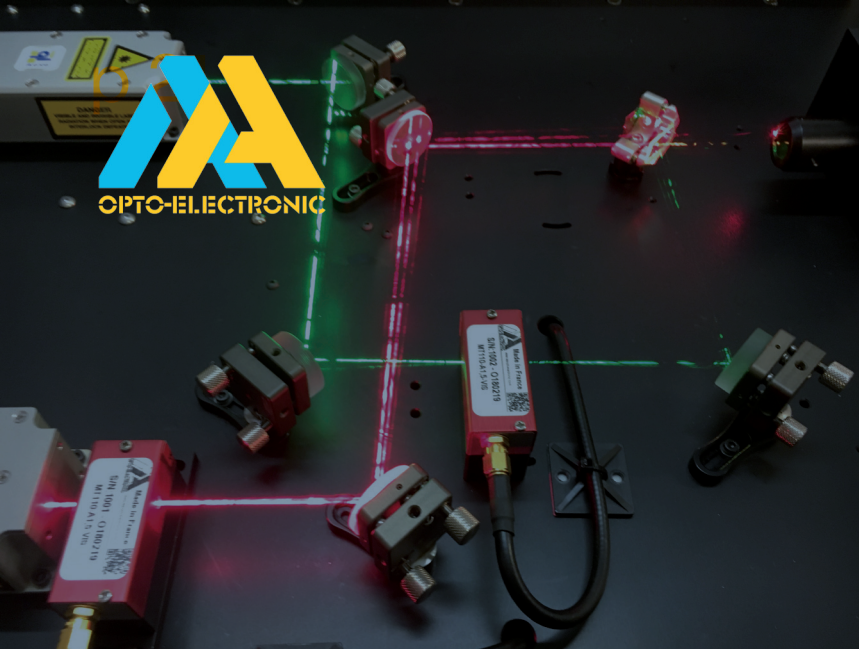


Model	Frequency Range MHz	Gain nom dB	Output Power nom W	Flatness dB	Power Supply
AMPB-B-30-10.500	10-500	35	1	+/-1	24 VDC
AMPB-B-34-10.500	10-500	38	2,5	+/- 1	24 VDC
AMPB-B-36-10.500	10-500	40	4	+/- 1	24 VDC
AMPB-B-30-10.900	10-900	35	1	+/-1.5	24 VDC
AMPB-B-34-10.900	10-900	38	2,5	+/- 1.5	24 VDC
AMPB-B-36-10.900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

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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