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HIGH SPEED DRIVERS

MODEL	Rise Time nsec	Fall Time nsec	Pulse width nsec	Rep-rate	Pow	Vmax	General System Description	MODULATOR	MODULATOR notes	Data Sheet
301-26	<3.5	<3.5	7nsec	150KHz	AC	200	Pulse picker	26	V 1/2w: -115V @ 633nm Not used at 1064nm	727
301DM				200KHz	AC	200	50 ohm			
301DM V				200KHz	AC	200	Capacitive load			
301V	<3.5	<3.5	10 - 300ns	150KHz	AC	200	Pulse picker/slicer			
301-1M	<3.5	<3.5	7nsec	1MHz	AC	200	Pulse picker			
3030	14-16 nsec	14-16 nsec	analog	25MHz-30MHz	AC	150	Add: DD1 option: BW dependent on modulator. 100-ohm device.	22-100	100% modulation @ 800nm with	724
3030C	35 nsec	35 nsec	analog	10MHz	AC	150	Add: DD1 option: Drives capacitive	20	100% modulation @ 800nm	724
3050	7 nsec	7 nsec	analog	50MHz	AC	90	Add: DD1 option: 50-ohm device Modulator	22-50	100% @ 514nm 90% @ 633nm	724
3100-1	3.5	3.5	analog	100MHz	AC	90	Add: DD1 option: Not ready - special	22S	100% modulation @ 514nm 90% @ 633nm	724
3100-2	3.5	3.5	REF ONLY	100MHz	AC	?	ADD: DD-1 option 2-channel 3100 DRIVER			REF ONLY
3101	0.35 nsec	0.35 nsec	6 w analog	1GHz	AC	45p-p	Amplitude modulator, with +/- 280V bias supply	TWAM-11	1-mm aperture - low power	747
3101-P	0.35 nsec	0.35 nsec		1 GHz	AC	45p-p	Phase modulator Supplied without bias supply	TWAP-11	1-mm aperture - low power	747
3200A	1.88 nsec	1.88 nsec	50 W analog	1-200MHz	AC	140	For Phase Modulation High power			748
32180D	7 nsec	7 nsec	digital	30MHz	AC	150	Add: DD1 option-\$1800 Typical Modulation Depths: 100% @ 633 70% @ 1064nm Modulator extinction ratios 200:1 @ 488nm 500:1 @ 633nm NOTE: Under Modulation Notes numbers in parenthesis do not obtain full modulation at these wavelength	12-100 650-1700nm 10ns 14-100 650-850nm 10 ns 22-100 400-750nm 14ns 28-100 350-650nm 7 ns 327-100 350-650nm 7 ns	12-100 54V @ 488nm 57V @ 514nm 70V @ 633nm 117V @ 1064nm 220 @ 2000nm 14-100 72V @ 488nm 76V @ 514nm 94V @ 633nm 158V @ 1064nm 296V @ 2000nm 22-100 90V @ 488nm 115V @ 633nm 28-100 180V @ 488nm 230V @ 633nm 327-100 125V @ 633nm 210V @ 1064nm	743
3500	>2ns	>2ns	10w analog	500MHz	AC	62p-p	Amplitude Modulator For TWAM-10 With +/-280v bias	TWAM-10	1-mm aperture - low power	747