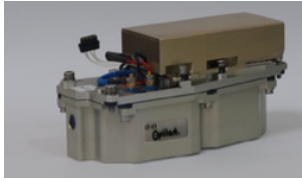


Diode Laser Pumped Transmitters | Active Q-Switch



Laser Transmitter	OT-03(3003006)	OT-20(3020003)
	1.54 μ m	1.54 μ m
Repetition rate	1-10pps	20pps
Output energy	\geq 10mJ	\geq 10mJ
Pulse width	\leq 40ns	\leq 40ns
Output beam diameter	4mm	4mm
Beam divergence	\geq 80%/4mr	\geq 80%/4mr
Operating temperature	-40°C to +65°C	-40°C to +65°C
Warm-up time	N/A	3sec
Weight	360gr	360gr
Pumping type	laser diode	laser diode
Q-switch type	active	active
Dimensions LxWxH	120x49x64mm	120x49x64mm
Starting signal	N/A	N/A
Electrical interface	100A/12V & Q-switch	100A/12V & Q-switch

Diode Laser Pumped Transmitters | Passive Q-Switch



Laser Transmitter	OT-29(3029008)	OT-29(3029007)	OT-39(3039007)
Wave length	1.54 μ m	1.54 μ m	1.54 μ m
Repetition rate	1-5pps	1pps	1pps
Output energy	≥ 1.2 mJ@1pps, ≥ 0.9 mJ@5pps	≥ 1.2 mJ	≥ 2.5 mJ
Pulse width	≤ 12 ns	≤ 12 ns	≤ 10 ns
Output beam diameter	0.8mm	0.8mm	0.8mm
Beam divergence	$\geq 75\%$ /4mr	$\geq 80\%$ /4mr	$\geq 75\%$ /4mr
Operating temperature	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C
Warm-up time	N/A	N/A	N/A
Weight	45gr	45gr	45gr
Pumping type	laser diode	laser diode	laser diode
Q-switch type	passive	passive	passive
Dimensions LxWxH	46x30.5x17.2mm	46x30.5x17.2mm	46x30.5x17.2mm
Starting signal	built-in photodiode	built-in photodiode	built-in photodiode
Mechanical interface drw	MI3029007	MI3029007	MI3029007
Electrical interface	100A/2V	100A/2V	100A/2V

Diode Laser Pumped Transmitters | Passive Q-Switch

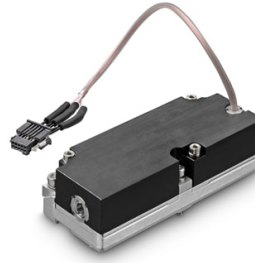


Laser Transmitter	OT-34(3034001)	OT-33(3033001)
Wave length	1.54μm	1.54μm
Repetition rate	1pps	1pps + 5pps burst
Output energy	≥2mJ	≥1mJ
Pulse width	≤9ns	≤12ns
Output beam diameter	0.8mm	0.8mm
Beam divergence	≥80%/4mr	≥80%/4mr
Operating temperature	-35°C to +65°C	-35°C to +65°C
Warm-up time	N/A	N/A
Weight	25gr	25gr
Pumping type	laser diode	laser diode
Q-switch type	passive	passive
Dimensions LxWxH	33x21x14mm	33x21x14mm
Starting signal	built-in photodiode	built-in photodiode
Mechanical interface drw	MI3033001	MI3033001
Electrical interface	100A/4V	100A/4V

Flash Lamp Pumped Transmitters | Passive & Active Q-Switch



OT-15



OT-16



OT-25

Product	OT-15	OT-16	OT-25
Laser beam wavelength	1.54 μm		
Repetition rate	20ppm/1pps burst	30ppm/1pps burst	10ppm
Output energy	>10 mJ	>2.5 mJ	>1.2 mJ
Beam divergence (80% of total energy)	<4 mr	<3 mr	<4 mr
Output beam diameter	4 mm	1.4 mm	1.2 mm
Pulse width	<35 ns	<40 ns	<24 ns
Weight	156 gr	75 gr	29/34 gr
Dimensions (LxWxH)	102x32.5x26 mm	72x29x20 mm	50.8x24.5x27.2 mm/ 61.4x19.1x30.7 mm
Pumping	flash lamp		
Q-switch type	active	passive	passive
Pumping energy	<8 J	<5.5,J	<4,J
Operational temperature	-40/+65 °C	-32/+55°C	-32/+55°C