

# Diode Laser Pumped Transmitters

Active Q-switch

Passive Q-switch



Product	OT-03	OT-31	OT-32	OT-20	OT-40
Laser beam wavelength	1.54 $\mu$ m				
Repetition rate	10 pps	10 pps	15 pps	20 pps	10 pps
Output energy	>10 mJ	>7 mJ	>10 mJ	>10 mJ	>10 mJ
Beam divergence (80% of total energy)	<4 mr	<2 mr	<1.2 mr	<4 mr	9 +/-1 mRad
Output beam diameter	4 mm	4 mm	4 mm	4 mm	5 mm
Pulse width	<30 nsec				50 - 90 nsec
Weight	360 gr				400 gr
Dimensions (LxWxH)	120x49x64 mm				142x49x64 mm
Pumping	diode laser				
Q-switch type	active				
Cooling	forced air on external heat exchanger				
Electrical interface	100A/12V & Q-switch				
Operational temperature	-40/+65 $^{\circ}$ C				
Heat dissipation	<15 W	<15 W	<20 W	<35 W	<15 W

PRINT THIS TABLE