

DTS Pulsed Fiber Laser

Lumispot Tech OEM Laser LIDAR Solution



LSP-DTS-MOPA-1550-02	Unit	Min.	Typical	Max.	Remarks
Working Mode	-		Pulsed		
Polarization State	-		Random		
Central Wavelength	nm	1547	1550	1553	
Pulsed Width(FWHM)	ns	1	3	20	Adjustable
Repetition Frequency	kHz	5	10	200	Adjustable
Spectrum Width	nm	-	0.5	-	3dB
Average Power	mW	-	2	3	
Power Rate Stability	%	-	5	15	Whole Temp.
Peak Power	W	0	-	50	
Jitter	ns	-	-	0.3	
Beam Quality	-	-	-	11	Multi Mode
Operating Temperature	°C	-20		60	
Storage temperature	°C	-40		85	
Trigger Mode	-		Internal/External Trigger		
Operating Voltage	V	-	12	-	
Power Consumption	W	-	-	3	
Electrical Interface Model	-		DB9		Public Header
Package Size	mm		150*120*21		
Weight	g	-	-	500	
Optical output method	-		Jump Wire (FC/APC)		Capable of Integrating Raman WDM
The length of the Fiber	mm	0.9	1	1.1	Customization