

## PureLink OLC III Tx HDTools DVI over 1 LC Fiber Extender (Transmitter) Full HD

OLC III Transmitter	
Input Signal	TMDS Signal(DVI 1.0 standard)
Optical Connector	1 LC Connector
Used electrical Connector	24 PIN DVI-D Plug
Optical Converter	850nm 10G VCSEL/ InGaAs PIN PD
Maximum Supported Resolution	WUXGA(1920x1200) / 60Hz
Video Bandwidth	2.25Gbps / Channel
Recommended Fiber	Multi-mode glass-fiber
Dimension ( L x W x H)	3.06 x 1.58 x 0.63 in.   74.66 x 40.2 x15.9 mm
Weight	0.15 Lbs   68 g

Transmitter Electrical Specifications							
Parameter	Symbol	Min.	Typ.	Max.	Units	Conditions	
POWER	Supply Voltage	Vcc		5.0		V	External Power
	Supply Current	Icc		500		mA	
	Power Dissipation	Po		2.0		W	
TMD	Reference Voltage for Graphic Signal	VREF	3.0	3.3	3.6	V	
	Single-ended high level input voltage	VH	VREF -0.2		VREF +0.01	V	
	Single-ended low level input voltage	VL	VREF -0.7		VREF -0.4	V	
	Single- ended input swing voltage	VISWING	0.4		0.6	V	
	Single-ended standby input voltage		VREF -0.01		VREF +0.01	V	
	Data Output Load	RLD		50.0		Ω	