Technical characteristics

Туре	LWO101*	LWO102*		
Input frequency range V & H	10.7 - 12.75 GHz			
Noise figure, typical	0.7 dB			
LO frequency	10.4 GHz	10.41 GHz		
LO initial accuracy	± 500 kHz			
LO temperature drift	± 150 kHz			
LO phase noise	< - 75 dBc/Hz @ 10 kHz			
Image rejection	40 dB min			
Cross-pol isolation, typical	22 dB			
Internal IF	300-2350 MHz	290-2340 MHz		
Optical output*				
Main characteristics				
Supply voltage	10-20 V			
Power consumption	4 W max.			
Operating temperature range	-30° ÷ + 60° C			
Dimensions/Weight (packed)	141x89x63 mm / 0.35 kg			

* Type	Power	Laser	Wavelenght	Connector IN
LWO101 4F31 E	4 dBm	FP	1310 nm	FC/UPC
LWO102 4F31 E	4 dBm	FP	1310 nm	FC/UPC

REQUIREMENTS FOR EXTERNAL POWER SUPPLY UNIT (PSU)

• Output voltage 10 V ÷ 20 V DC

Output current recommended to use PSU with 50% extra power reserve

• Ripple at single and/or double mains frequency < 10 mV p-p

• Ripple & noise < 200 mV p-p

· Short circuit protection

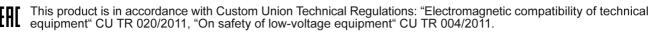
• Double insulated (marked □)

• Meet EN 55022 class B conducted emisions requirements, measuring with grounded load



This product complies with the relevant clauses of the European Directive 2002/96/EC. The unit must be recycled or discarded according to applicable local and national regulations.







This product is in accordance with safety standard AS/NZS 60065: 2012 and EMC standards of Australia.

