

Optical Interleaver 100Ghz&50Ghz

1 DESCRIPTION

1.1 Product Function

The specifications serve for 50GHz channel spacing passive interleaver component。used in DWDM system, which includes the DEMUX and MUX interleaver in C-BAND and L-BAND.

1.2 Related Product List

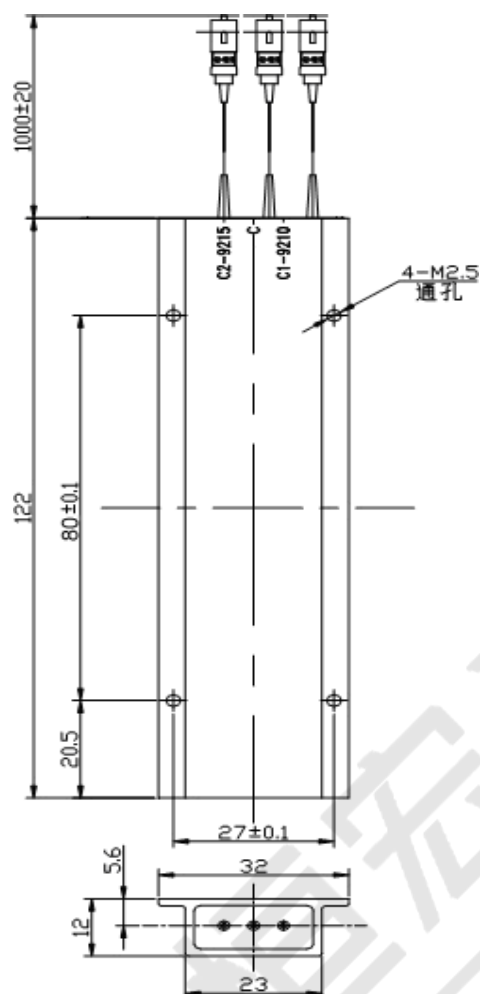
P/N	Note
INT-C-3-C60-09-1-FC-UPC-D	
INT-C-3-C60-09-1-FC-UPC-M	

2 OPTIC AND/OR ELECTRIC SPECIFICATION

ITEMS		Unit	Parameters		NOTES
			Min.	Max.	
Channel spacing	Port IN1/IN2 OUT1/OUT2	GHz	100		
	Port IN/OUT	GHz	50		
Channel central frequency		THz	C-Band: 191.125~196.1;		
Insertion Loss		dB		2.8	
Insertion loss uniformity		dB		0.5	
Bandwidth	@-0.5dB	GHz	±8		
Isolation (only for DEMUX)		dB	25		
Ripple over 0.5dB passband		dB		0.5	
PDL		dB		0.5	
Return Loss		dB	40		
PMD		ps		0.2	
Fiber length		mm	500±20		All ports
Connector type			FC/UPC		
Operating Temperature			-15°C ~+75°C		
Storage Temperature			-40°C to 85°C		
Package Dimension		mm ³	122×32×12		

Note: Insertion Loss with connectors

3 MECHANICAL DRAWINGS



4 PIGTAIL AND CONNECTOR

NO	PARAMETER	SPECIFICATION	UNIT	NOTE
8.1	Pigtail Type (All ports)	900um loose tube		All ports
8.2	Pigtail Length (All ports)	500±20	mm	All ports
8.3	Connector Type (All ports)	FC/UPC		All ports
8.4	Fiber color	NA		