

14xx Four-Channel Wavelength Pump Combiner (PCOM)

Features

Superfused Allfiber Approach
Very Low Insertion Loss
Low Polarization Dependent Loss
High Power Handling
Ultra-High Reliability

Applications

High Power Sources
Optical Amplifiers
Optical Instrument

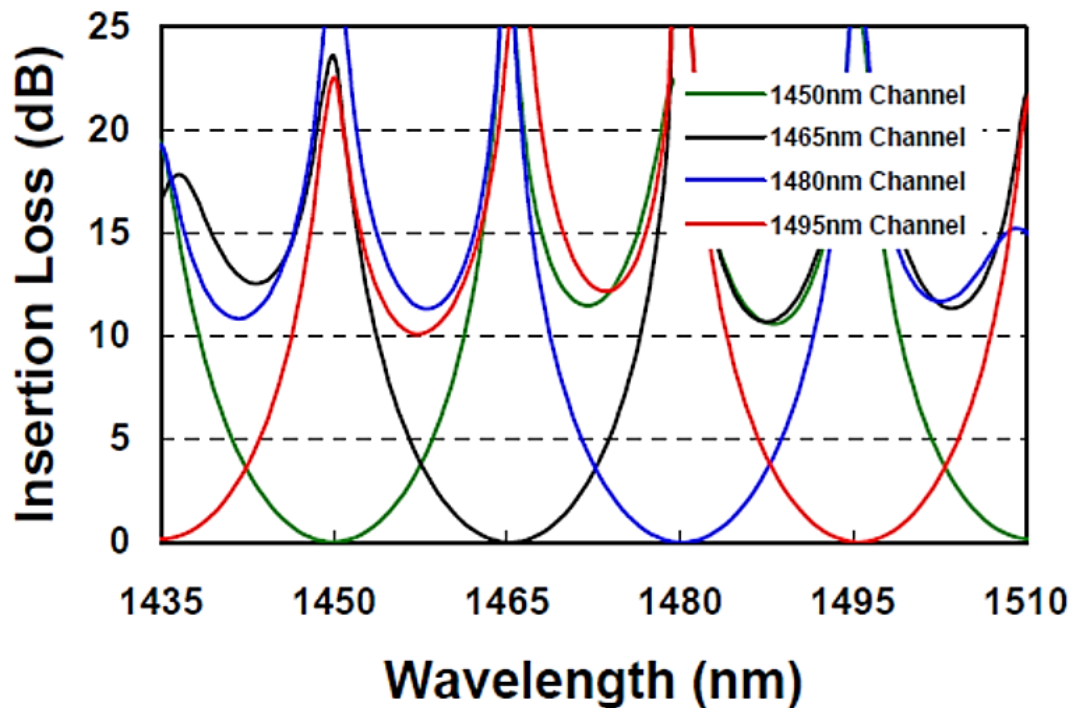


Specifications

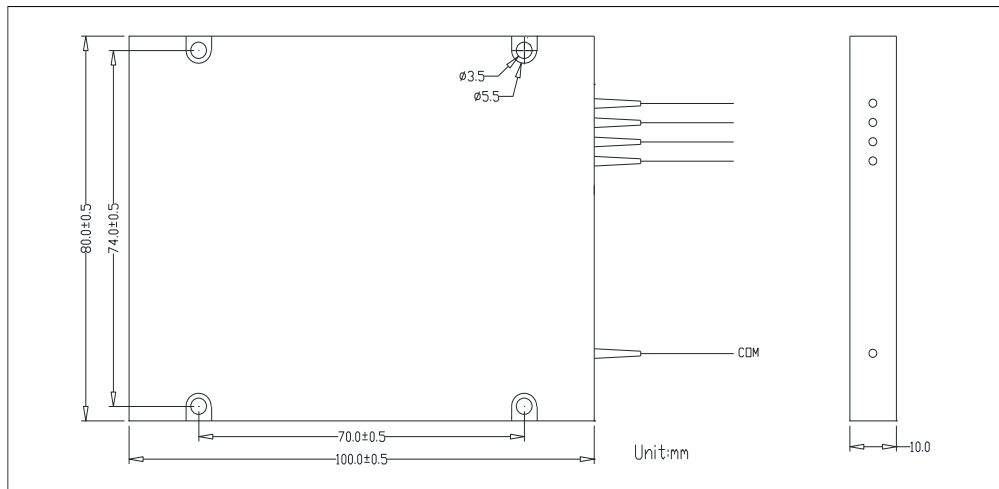
Parameters	Unit	Values
Channel Space	nm	10 to 20
Channel Bandwidth	nm	2
Insertion Loss	dB	≤ 0.8
Isolation	dB	≥ 12
PDL	dB	≤ 0.2
Directivity	dB	≥ 50
Return Loss	dB	≥ 50
Power Handling*	W	4
Fiber Type	-	SMF-28e
Operating Temperature	°C	-10 ~ +70
Storage Temperature	°C	-40 ~ +85
Package Size	mm	100x80x10

* Higher power handling available on request.

Typical Spectrums for 1450/1465/1480/1495nm Combiner



Package Dimension



Ordering Information

PCOM- ①①-②③③-④④④④-⑤⑥-⑦⑦-⑧⑧⑧⑧⑧⑧⑧⑧⑧⑧

①	Start Wavelength	00=1400nm; 01=1401nm; 02=1402nm; ...; 80=1480;
②	Channel Number	4=Four Wavelengths;
③	Channel Space	10=10nm; 11=11nm; 12=12nm; ...; 20=20nm;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube; 2mm=2mm loose tube; 3mm=3mm Loose Tube;
⑤	Fiber Type	1=SMF-28e;
⑥	Fiber Length	1= 1m; X=Other;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑧	Package	100x80x10;