

1480/1495nm Raman Pump Combiner

Features

Low IL & Low PDL
High Isolation
High Stability and Reliability

Application

Raman Amplifier
Fiberoptic Instruments
Laboratory R&D

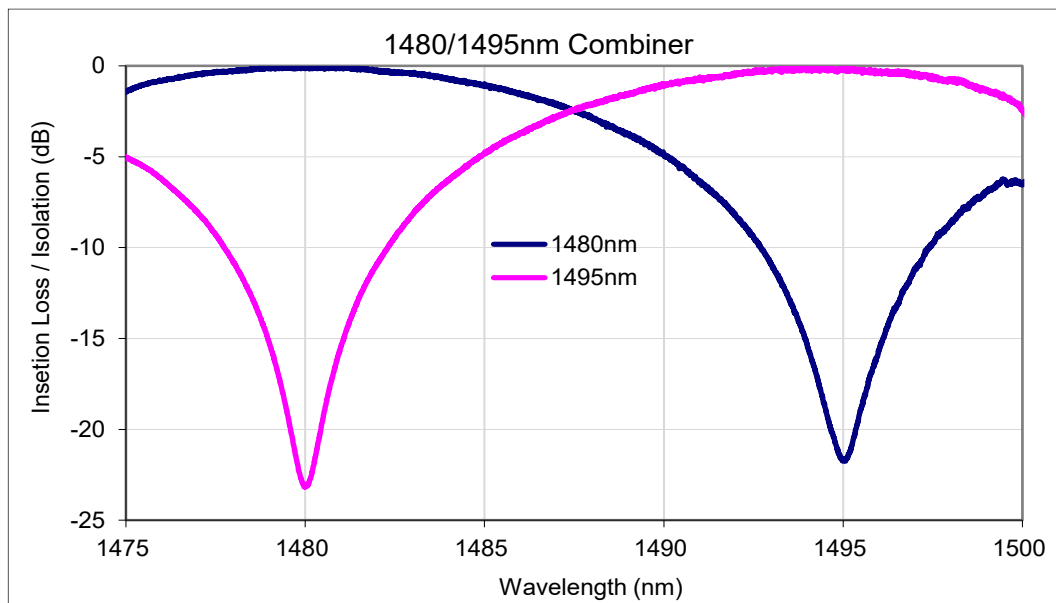


Specifications

Parameters	Unit	Values					
Channel Space	nm	5~9		10~20		>20	
Center Wavelength	nm	1480/1495, other wavelength on request					
Grade	-	P	A	P	A	P	A
Insertion Loss*	dB	≤0.6	≤0.8	≤0.5	≤0.6	≤0.4	≤0.5
-0.5dB Operating Bandwidth	nm	35% Channel Space					
Isolation	dB	≥14					
Return Loss	dB	≥50					
Directivity	dB	≥50					
Operating Temperature	℃	-20 ~ +70					
Storage Temperature	℃	-40 ~ +85					

*Insertion Loss will be ≤1.0 for 1x3, Insertion Loss ≤1.5 for 1x4.

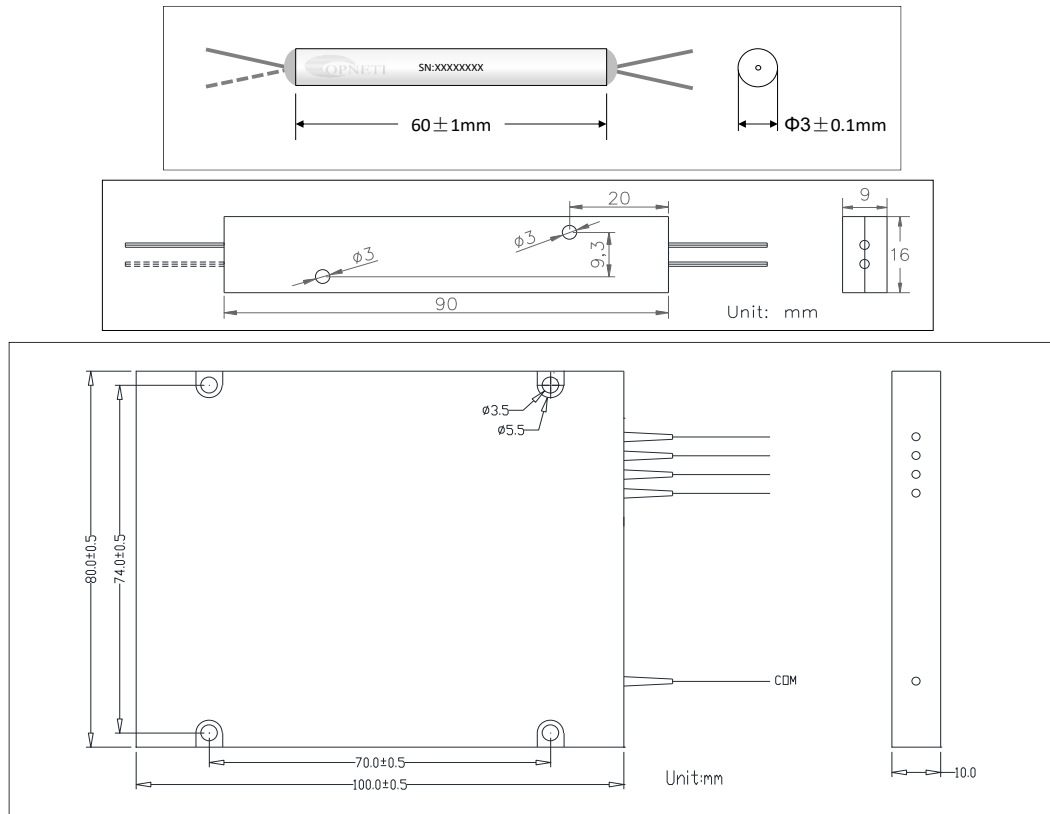
Typical Spectrum



Package Information

Configuration	1x2 or 2x2 or 1x3 or 1x4		
Fiber Length	1m, others on request		
Fiber Type	SMF-28e		
Pigtail Type	250μm Bare Fiber	900μm Loose Tube	2mm/3mm Cable
Dimensions(mm)*	φ3.0x60	φ3.0x60	90x16x9

* Package size 100x80x10mm for 1x3 and 1x4 combiner.



Ordering Information

PCOM- ①-②②②②②②②②②-③③③③-④④④④-⑤-⑥-⑦⑦-⑧⑧⑧⑧

①	Grade	P=Grade P; A=Grade A;
②	Wavelength	1480/1495; XXXX/XXXX;
③	Port	1x2; 2x2; 1x4;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type	1=SMF-28e;
⑥	Length	1=1m; X=Other;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC;
⑧	Package	3x60; 90x16x9;