

Single Mode Red N_Raman Nd_YAG Combiner 645/785/842nm (RNNC)



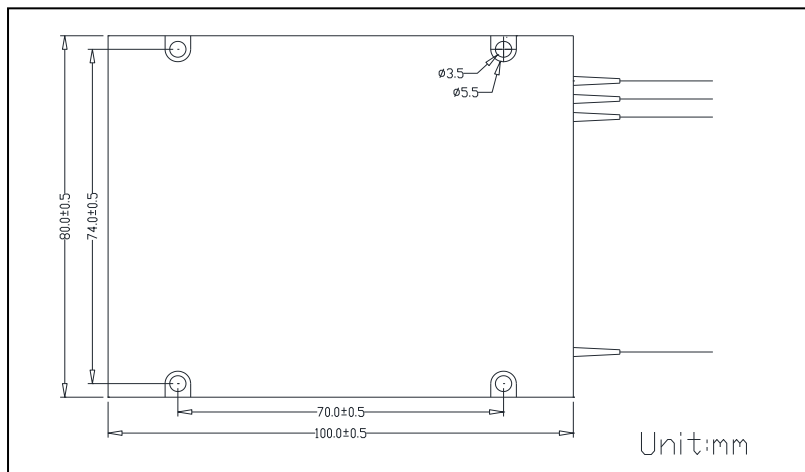
Specifications

Parameters	Unit	Values
Center Wavelengths (λ_c) ^[1]	nm	645(R)/785(N)842(N) or Specify
Insertion Loss, (Red N_Raman Nd_YAG) Input to Output	dB	≤ 1.2 (Typ. 0.8)
Thermal Stability	dB/°C	≤ 0.005
Directivity	dB	≥ 50
Return Loss	dB	≥ 50
Max Power Handling	mW	100
Fiber Type	-	Nufern 460-HP Fiber
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Package Size	mm	100x80x10

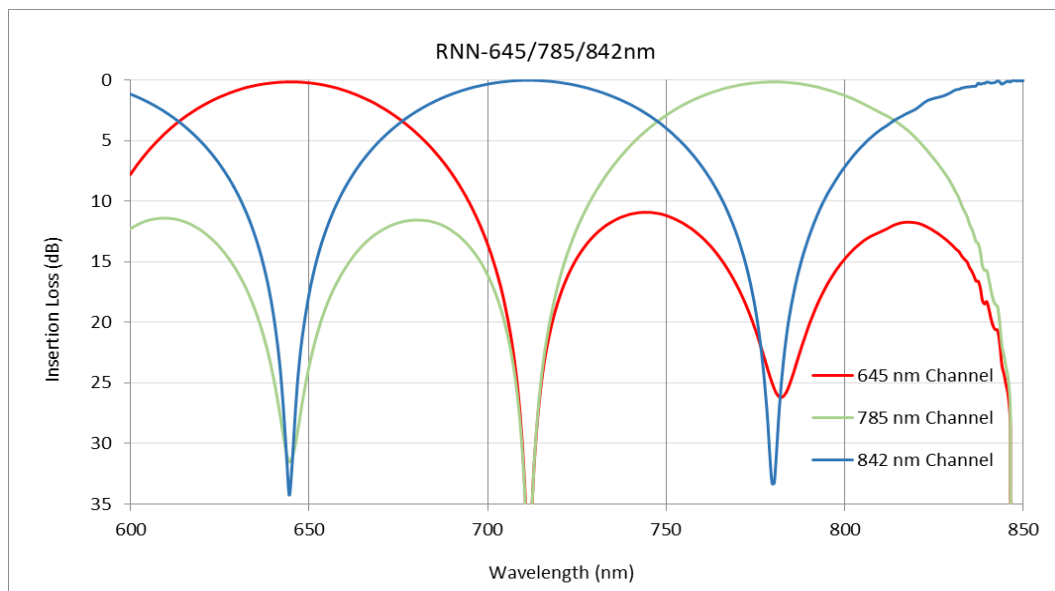
^[1] Center wavelength can be customized.

^[2] With connectors, IL+1.5dB, RL-5dB and optical power is reduced to 50mW.

Package Dimension



Typical Spectrum



RNNC- (1)(1)-(2)(2)(2)(2)(2)(2)(2)(2)(2)(2)(2)-3(3)(3)-4(4)(4)-5-6(6)-7(7)(7)(7)(7)(7)(7)(7)(7)

①	Channel Number	3x1;
②	Wavelength	645/785/842;
③	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube; 2mm=2mm loose tube; 3mm=3mm Loose Tube;
④	Fiber Type	H46=460HP;
⑤	Length	1= 1m; X=Other;
⑥	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑦	Package	100X80X10;