

9815 Hybrid WDM/tap/Isolator Forward Pumping

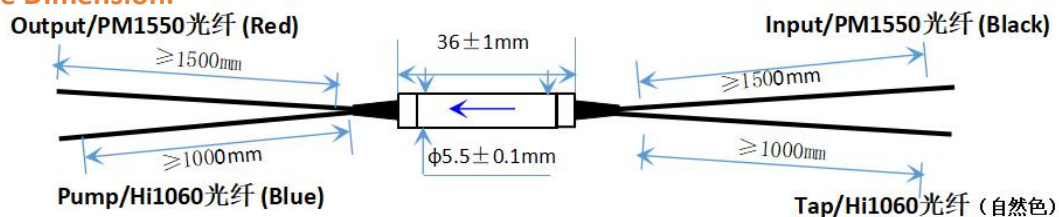
Part No.: PMTIWDM-1550/980-5/95-S-5.5*35-F-PM1550/Hi1060-1-0-N-F

◆ Specification:

Parameter	Unit	Values
Structure	/	2*2
Signal Wavelength λ_c	nm	1550 \pm 20
Pump Wavelength	nm	980 \pm 15
Insertion loss (Input to Output)95%	dB	\leq 1.3
Insertion loss(Input to Tap)5%	dB	\leq 14.0
Insertion loss(Pump to Output)@980	dB	\leq 0.8
Isolation(Output to Input)@1550	dB	\geq 30
Isolation(Output to Pump)@1550	dB	\geq 15
Extinction Ratio	dB	\geq 20
Tap Ratio	%	5 \pm 1.0%
Min. Return Loss	dB	\geq 50
Max. Average Optical Power	nw	\leq 500
working axis	/	Slow Axis Working, Fast Axis Blocked
Fiber Type	/	PM1550 For Input&Output Hi1060 For Pump&Tap
Fiber Length	m	\geq 1.0/1.5
Package Size	mm	ϕ 5.5*36 (Steel Tube)
Operating Temperature	$^{\circ}$ C	-5~+70
Storage Temperature	$^{\circ}$ C	-40~+85

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

◆ Package Dimension:



◆ Ordering Information

PMTIWDM-①-②-③-④-⑤-⑥-⑦-⑧-⑨-⑩-⑪

① Signal Wavelength	② Tap	③ Stage	④ Pump Direction	⑤ Package Dimension	⑥ ⑦ Fiber Type /Length	⑧ Fiber Jacket	⑨ Connector	⑩ Working Axis	⑪ Power Type
980/1064—T980nm/R1064nm	1-1/99	S-Single Stage	F-Forward Pump	5.5*35mm	PM980-PM980/0.8-0.8M	0-Bare Fiber	N-None	F-Fast Axis Block	C-Continuous
1064/980—T1064nm/R980nm	10-10/90	D-Dual Stage	B-Backward Pump	2.5*20mm	PM1550-PM1550/S-Specify	1-900 μ m Loose Tube	FU-FC/PC	B-Both Axis Working	P-Pulse
1550/980—T1550nm/R980nm	50-50/50	S-Specify	S-Specify	S-Specify	S-Specify	S-Specify	FA-FC/APC	S-Specify	S-Specify
S-Specify	S-Specify						S-Specify		