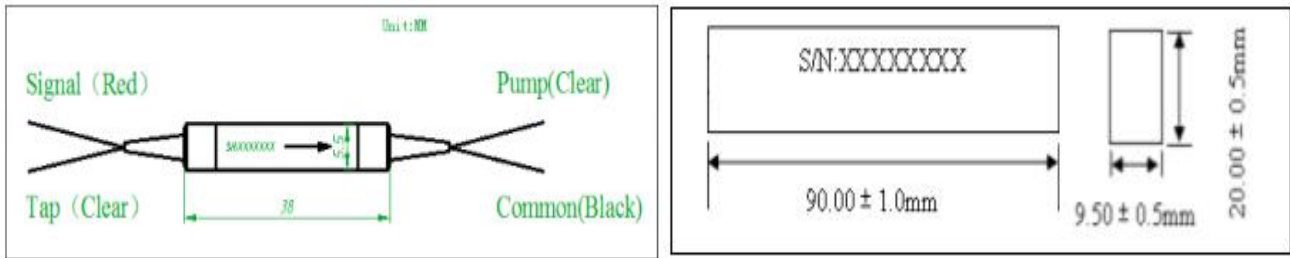


## Tap/Isolator WDM Hybrid Device (T1064/R980)

<b>Features:</b>
Wide pass band
Low insertion loss
High isolation
High stability and reliability
<b>Application:</b>
EDFA system

Parameter		1064/980	
Isolator stage		Single stage	
Signal Wavelength Range(mm)		$1064 \pm 5$	
Pump Wavelength Range(nm)		960-990	
Typ.peak Isolation@23°C(dB)		40	
Isolation,23°C@1064±5nm (Common-Signal) (dB)		≥30	
Wavelength Isolation (dB)	Signal-Common @980nm,23°C	≥30	
	Pump -Common @1064nm,23°C	≥12	
Insertion Loss	Pump-Common @980nm,23°C	≤0.6	
	Signal-Common @1064±5nm,23°C	Tap 1%	≤2.7
		Tap 2%	≤2.8
		Tap 5%	≤3.0
		Tap 10%	≤3.2
		Tap 20%	≤3.7
		Tap 30%	≤4.3
		Tap 50%	≤5.7
	Signal-Tap @1064±5nm,23°C	Tap 1%	19.2-22.0
		Tap 2%	16.2-18.0
		Tap 5%	12.2-14.0
Tap 10%		9.2-11.0	
Tap 20%		6.2~8.0	
Tap 30%	4.8~6.0		
Tap 50%	≤3.6		
Return Loss (dB)		≥50	
Directivity (dB)		≥55	
Fiber Type		HI1060	
Optical Power (mW)		≤300	
Operating Temperature(°C)		0 ~ +50	
Storage Temperature(°C)		-40~ + 85	
Package Dimension (mm)		$\varnothing 5.5 \times L38(P1)$ (only for bare fiber or 900um loose tube)	

**Package Dimensions:**

**Ordering Information:**

TIWDM	Signal/pump Wavelength	Isolator Stage	Coupling Ratio	Package type	Pigtail Type	Length	Connector
	0698=1064/980	S=Single Stage	1=1% 2=2% 5=5% A=10% B=20% C=30% D=40% E=50% S=Specify	1=P1 (Φ5.5XL38mm) 2=P2 (90*20*9.5mm)	1=250um bare fiber 2=900um loose tube	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify