

0105 Hybrid Device

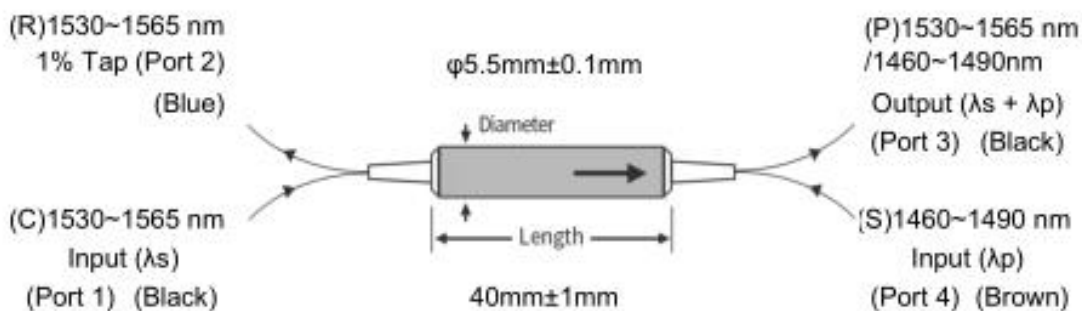
H1000-S



2x2 WDM Hybrid Combiner+Isolator (1460 nm to 1490 nm/1530 nm to 1565 nm), 1%/99%

This product has a low insertion loss, high isolation, and high return loss. This product offers an integrated solution for EDFA application by combining more functions into a very compact package.

MECHANICAL DRAWING



Insertion Loss	@1550 nm (C)→(P)	0.35 dB	
	@1480 nm (S)→(P)	0.20 dB	
	1% Tap@1550 nm (C)→(R)	20 dB	
Flatness	1530 nm-1565 nm (C)→(P)	0.2 dB max.	
	1460 nm-1490 nm (S)→(P)	0.15 dB max.	
	1% Tap 1530 nm-1565 nm (C)→(R)	0.25 dB max.	
Isolation	1530 nm-1565 nm (P)→(S)	13 dB min.	
		0 °C	25 dB
	@1530 nm (P)→(C)	23 °C	36 dB
		70 °C	35 dB
		0 °C	36 dB
	1530 nm-1565 nm (C)→(P)	23 °C	32 dB
	70 °C	25 dB	
PDL	1530 nm-1565 nm (C)→(P)	0.11 dB max.	
	1460 nm-1490 nm (S)→(P)	0.05 dB max.	
	1% Tap 1530 nm-1565 nm (C)→(R)	0.05 dB max.	
Directivity	(S)→(C)	60 dB min.	
	(S)→(R)	70 dB min.	
	(P)→(R)	58 dB min.	

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.