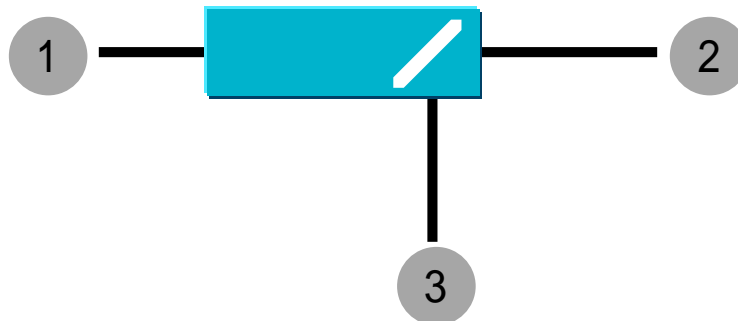




WDM-coupler A



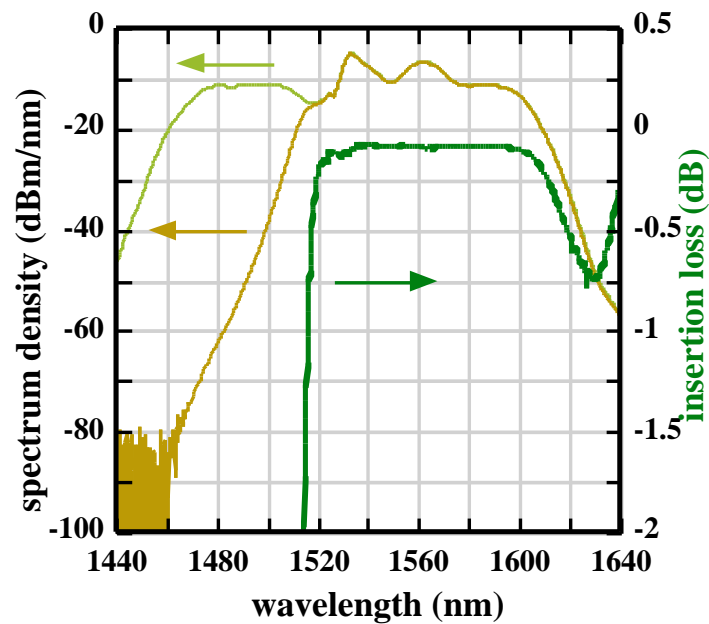
insertion loss		isolation	cross-talk		return loss		
1530,1550,1565nm	1460,1480,1490nm				1550nm	1550nm	1480nm
0.16, 0.15, 0.15dB	0.39, 0.36, 0.34dB				60.6dB	61.3dB	66.1dB
FIGURE 1	FIGURE 2		FIGURE 4		FIGURE 5		



WDM-coupler A

insertion loss

1 2



3 2

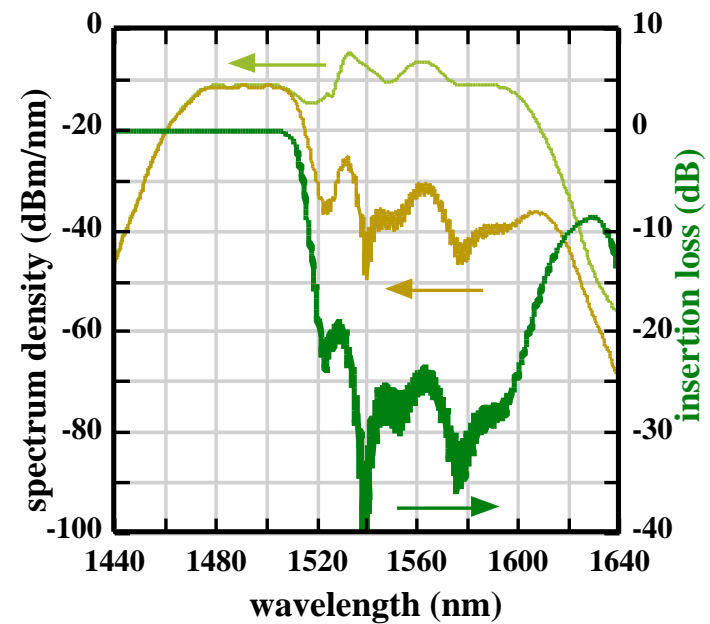


FIGURE 1



WDM-coupler A

isolation

2 1

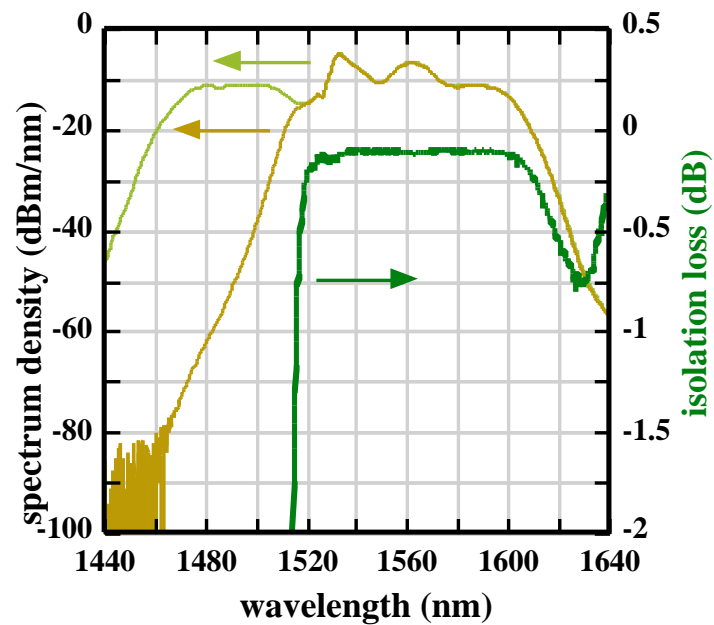


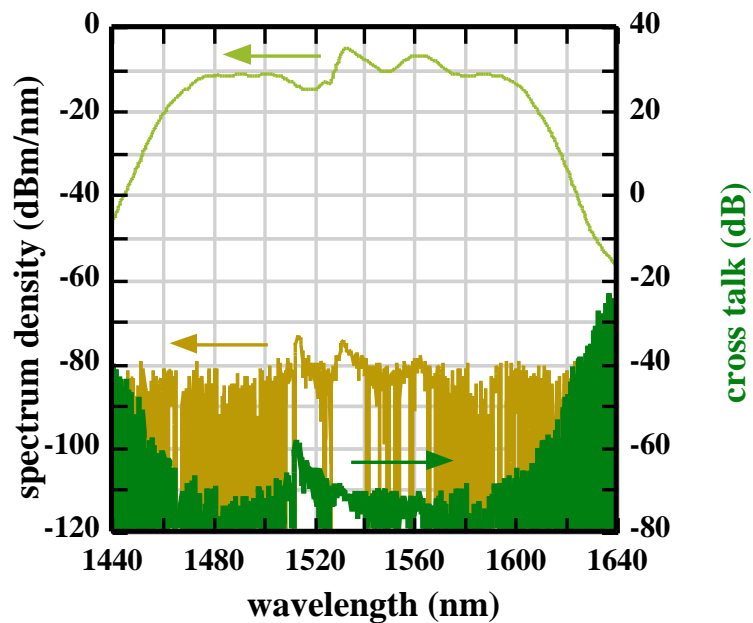
FIGURE 3



WDM-coupler A

cross talk

1 3



3 1

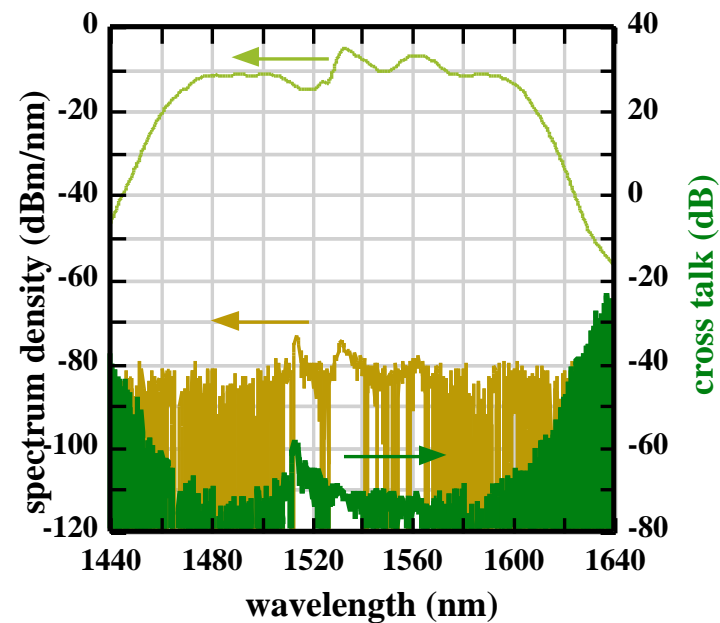


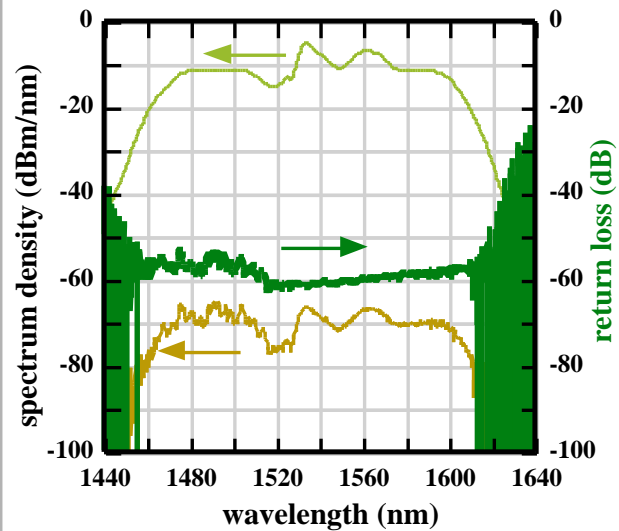
FIGURE 4



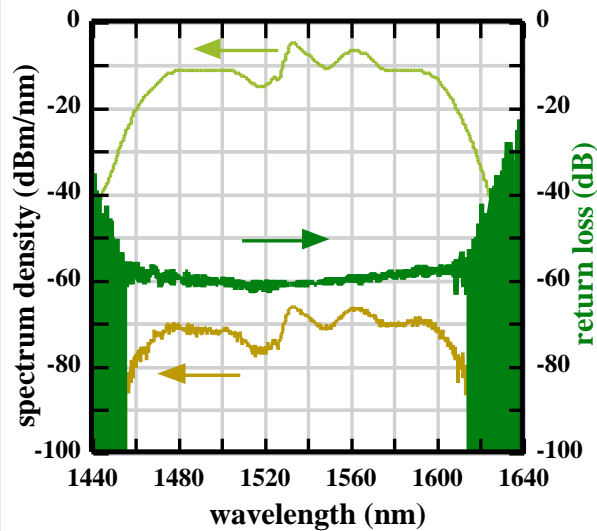
WDM-coupler A

return loss

1 1



2 2



3 3

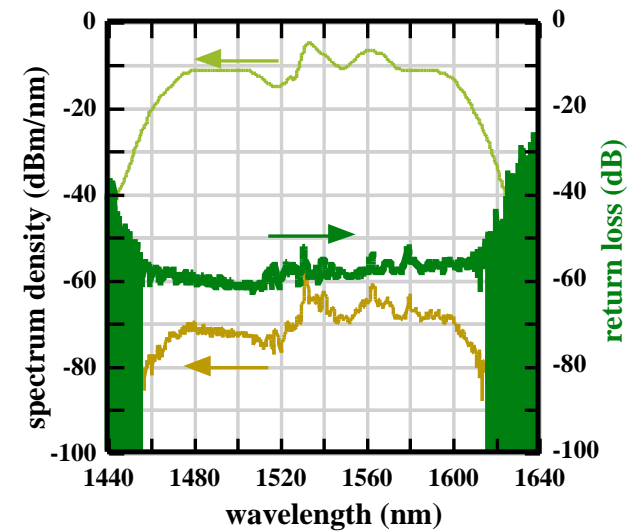


FIGURE 5



WDM-coupler A

2 3

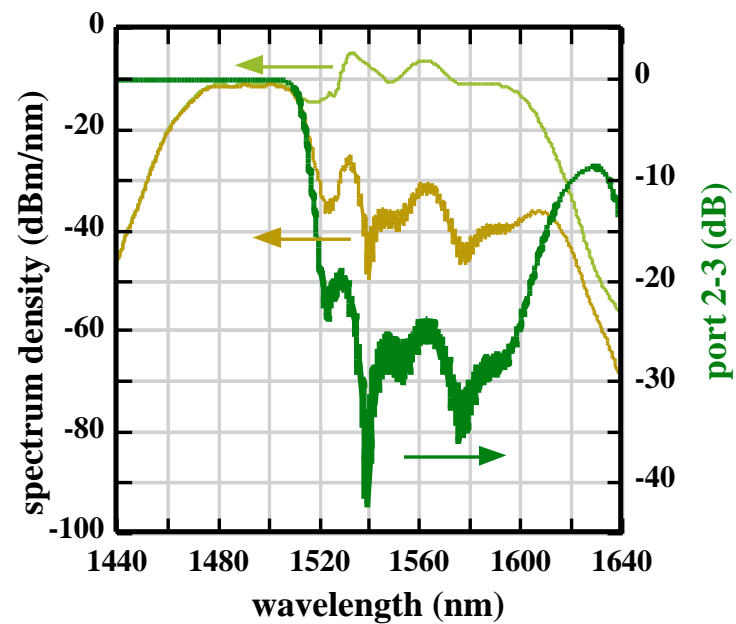


FIGURE 2