

Coupler

Features

1. Low Excess Loss
2. High Directivity
3. Compact Size

Application

1. CATV, FTTH
2. High Speed Transmission System
3. EDFA(Erbium-Doped Fiber Amplifier)

Specification

	WDM (1×2)		WDM (1×2)		WDM (1×2)		SFC (1×2)		SFC (1×4)		WIC (1×2)		WIC (1×4)	
	S	A	S	A	S	A	S	A	S	A	S	A	S	A
Operating Wavelength(nm)	1310/1550		980/1550		1480/1550		1310, 1550		1310, 1550		1310/1550		1310/1550	
Split Ratio(%)	-		-		-		50:50		25:25:25:25		50:50		25:25:25:25	
Grade	S	A	S	A	S	A	S	A	S	A	S	A	S	A
Insertion Loss(dB)	≤0.4	≤0.6	≤0.4	≤0.6	≤0.4	≤0.6	≤3.4	≤3.6	≤6.8	≤7.2	≤3.5	≤3.8	≤7.0	≤7.6
Isolation(dB)	≥17	≥16	≥20	≥18	≥13	≥11	-	-	-	-	-	-	-	-
PDL(dB)	≤0.05	≤0.1	≤0.1	≤0.15	≤0.1	≤0.15	≤0.05	≤0.1	≤0.1	≤0.15	≤0.05	≤0.1	≤0.1	≤0.15
Uniformity(dB)	-	-	-	-	-	-	≤0.6	≤1.0	≤0.8	≤1.2	≤0.6	≤1.0	≤0.8	≤1.2
Linewidth(dB)	±15	±15	±10	±10	±5	±5	±10	±10	±10	±10	±30	±30	±30	±30
Directivity(dB)	≥60		≥55		≥55		≥55		≥55		≥55		≥55	
Operating Temperature(℃)	-40~+75													
Storage Temperature(℃)	-50~+80													
Humidity(%RH)	95													

