

Data Sheet of Nitta Optical Power Splitters

#08F06KO

Input x Output Port Number		1x4			1x8			1x16			1x32		
Grade		Super Premium	Premium	Standard									
Operating Wavelength	nm	1260 ~ 1600											
Output Waveguide pitch	μm	254			127			127			127		
Insertion Loss*(include PDL)	dB	6.5	6.7	7.5	9.6	9.8	10.5	12.8	13.0	13.5	16.0	16.3	17.0
Uniformity*	dB	0.5	0.6	0.8	0.6	0.6	0.8	0.8	0.8	1.0	1.0	1.0	1.3
PDL*	dB	0.10	0.10	0.15	0.10	0.10	0.15	0.15	0.15	0.20	0.15	0.15	0.20
Return Loss*	dB	55			55			55			55		
Directivity*	dB	55			55			55			55		
Output Fiber Type		4-fiber ribbon×1			4-fiber ribbon×2			8-fiber ribbon×2			8-fiber ribbon×4		
Operating Temperature		-40 ~ 85											
Package Size	mm	4(W)×4(H)×40(L)			4(W)×4(H)×40(L)			5(W)×4(H)×50(L)			7(W)×4(H)×50(L)		

*Characteristics are measured without connectors under room temperature at 1310nm, 1550nm.

Features

•Excellent Low Loss

- Low Insertion Loss & PDL
- Low Excess Loss of FA/Chip bonding
- Low Wave Length Dependency

•Bend-insensitive Fiber

- Bending Radius = 15mm

•Small packaging size

- ex. 1x32splitter LxWxH=50x7x4mm

•High Reliability

- All splitters are burn-in screened
- All splitters are aligned by an automatic system
- Passed testing Telcordia GR1221 & 1209

