

Isolator/WDM Hybrid Device



Features

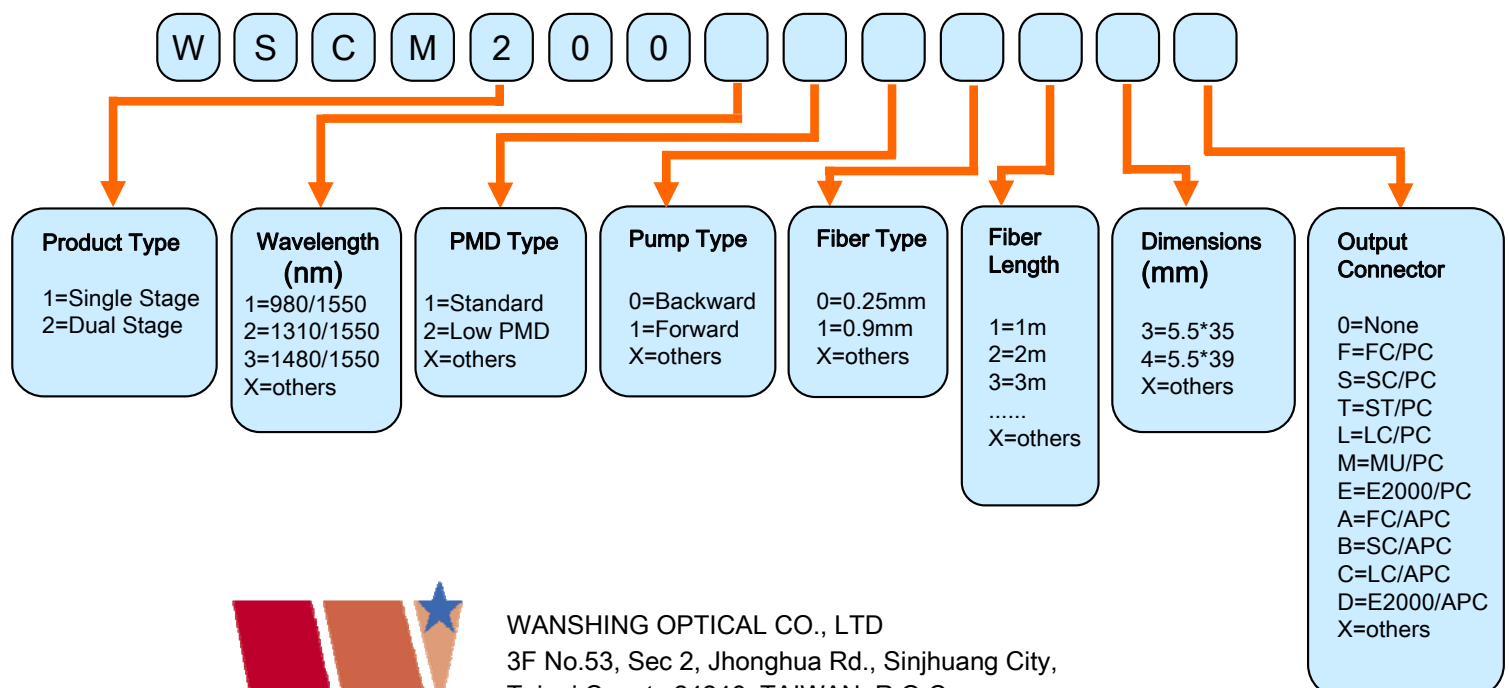
- Low Insertion
- High Isolation
- Comply with RoHS

Applications

- Telecommunications
- FTTH, CATV, LAN

Hybrid IWDM Dual Stage SPECIFICATIONS

PARAMETERS		980/1550nm	1310/1550nm	1480/1550nm
Pump Port λ_1 (nm)		950~1010	1270~1350	1450~1490
Pass Port λ_2 (nm)		1530~1580	1530~1580	1530~1580
Pass Port	Insertion Loss	≤ 1.0 dB (Typical 0.8)	≤ 1.0 dB (Typical 0.7)	≤ 1.0 dB (Typical 0.7)
	Isolation	≥ 45 dB (Typical 55)	≥ 45 dB (Typical 55)	≥ 45 dB (Typical 55)
	PMD	≤ 0.05	≤ 0.05 dB	≤ 0.05 dB
Reflect Port	Insertion Loss	≤ 0.6 dB (Typical 0.4)	≤ 0.6 dB (Typical 0.4)	≤ 0.6 dB (Typical 0.4)
	Isolation	≥ 13 dB (Typical 15)	≥ 13 dB (Typical 15)	≥ 13 dB (Typical 15)
Return Loss/Directivity		$\geq 50/55$ dB		
PDL		≤ 0.15 dB		
Operating Temperature		$-5 \sim 70^\circ\text{C}$		



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