

strela\_>

Thin Film Filter CWDM device  
**S>CWDM-1xN-xxx**

## **1 Features**

- Low Insertion Loss
- High Isolation
- Low PDL
- Wide Operating Wavelength: From 1260nm to 1620nm
- Wide Operating Temperature: From -40°C to 85°C
- High Reliability and Stability

## **2 Applications**

- CWDM System
- PON Networks
- CATV Links

## **3 Compliance**

- Telcordia GR-1209-CORE-2001
- Telcordia GR-1221-CORE-1999
- RoHS

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## 4 Specifications

Parameters		1x4	1x8	1x16
Center Wavelength (nm)		ITU, ITU+1		
Pass band (nm)		ITU±6.5		
Operating Wavelength (nm)		1460~1620 or 1260~1620		
Channel Space (nm)		20		
Fiber Type		SMF-28e with 0.9mm Loose tube		
IL (dB), maximum		1.5	2.5	4
Isolation (dB)	Adjacent Channel	30		
	Non-Adjacent Channel	40		
Ripple (dB)		0.3		
PDL (dB)		0.2		
PMD (ps)		0.1		
RL (dB)		45		
Directivity (dB)		50		
Maximum Optical Power (mw)		500		
Operating Temperature (°C)		-40-85		
Storage Temperature (°C)		-40-85		
BOX Package (mm)		52X28X7, 60X50X8mm or 19" rack-mountable case		

Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.
3. Optional single-fiber or dual-fiber solutions can be provided. Please contact your sales representative for further details.

## 5 Ordering information

Part Number	Product Description
S>CWDM-1x4-xxxx	CWDM MUX Compact 1x4, details to be specified
S>CWDM-1x8-xxxx	CWDM MUX Compact 1x8, details to be specified
S>CWDM-1x16-xxxx	CWDM MUX Compact 1x16, details to be specified

For detailed information please contact us by email: [info@module-ltd.ru](mailto:info@module-ltd.ru)