

Product Information

CWDM ADD & DROP FILTER (CADF)



Features

- Low PDL
- Low Insertion Loss
- Excellent Uniformity
- High Directivity
- Highly Stable and Reliable

Applications

- Telecommunications
- Local Area Network (LAN)
- Passive Optical Network (PON)
- Cable TV
- Fiber sensors

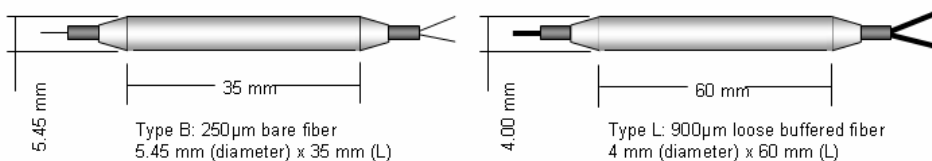
Product Performance Characteristics

Parameters	Premium	A Grade
Central Wavelength (nm)	1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611	
Channel Spacing (nm)	20	
Min. Channel Pass Band @ -0,5 dB	Central Wavelength \pm 6.5 nm	
Max. Pass Band Channel Insertion Loss (dB)	0.7	0.9
Max. Pass Band Ripple (dB)	0.3	0.4
Max. Reflexion Band Insertion Loss (dB)	0.3	0.5
Min. Adjacent Channel Isolation (dB)	40	35
Min. Non-adjacent Channel Isolation (dB)	35	30
Min. Reflexion Band Isolation (dB)	12	10
Min. Directivity (dB)	50	
Min. Return Loss (dB)	45	
Max. PDL (dB)	0.15	
Max. PMD (ps)	0.1	
Power Handling (Max.)	300mW	
Operation Temperature	-5°C ~ 65°C	

Special dimension upon request

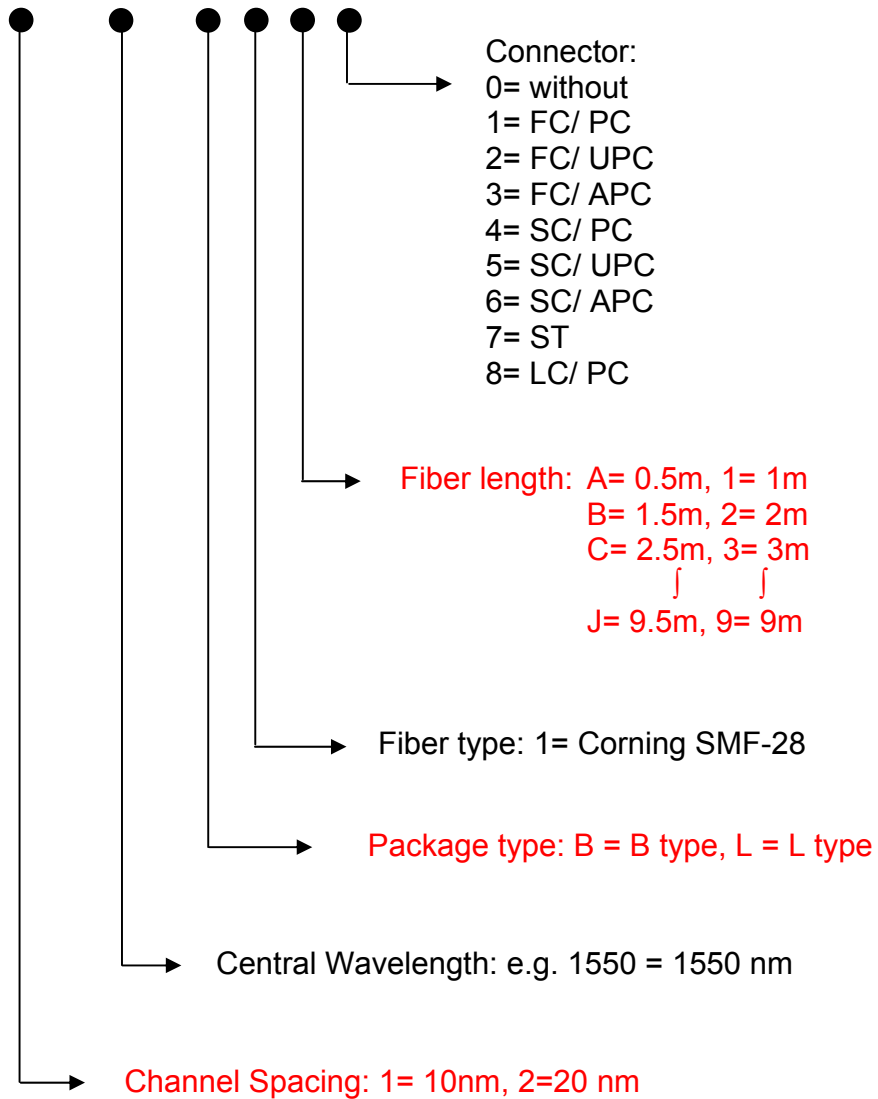
Mechanical Outline

Package type	Housing type	Dimension	Pigtail style
Type B	Steel tube	5.45mm(Ø) x 35mm (L)	250µm bare fiber
Type L	Steel tube	5.45mm(Ø) x 35mm (L)	900µm loose buffered fiber



Ordering information

CADF-X-XXXX-X-X-X-X-UM



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