

**Description:**

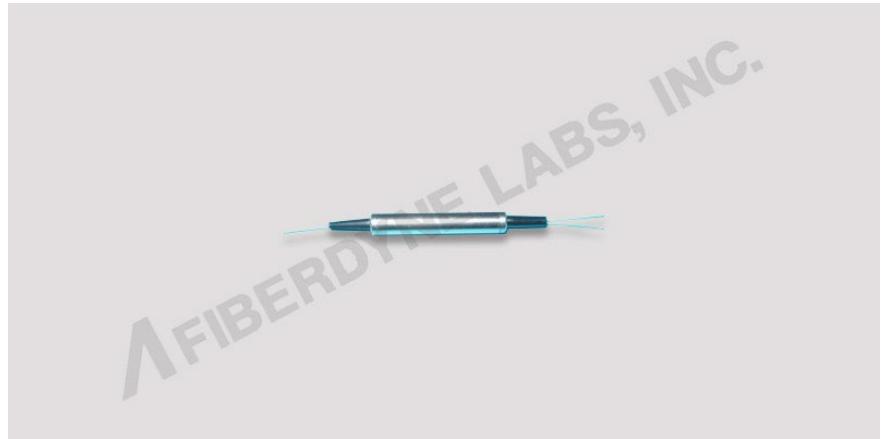
100GHZ DWDM 8-Skip 0 Band Filter

**Features:**

- High Isolation
- Low Insertion Loss
- Complies with RoHS
- Complies with Telcordia GR-1209, GR-1221

**Applications:**

- Local Area Networks
- FTTH Networks
- CATV
- OADM



**Specifications:**

Parameters		Unit	Specification
Center Wavelength		nm	ITU Grid
Pass Channel Bandwidth		nm	5.4
Pass Channel	Insertion Loss (Typical)	dB	≤1.0 (0.6)
	Adjacent/Non-Adjacent Isolation		≥25/35
	Ripple		≤0.3
Reflect Channel	Insertion Loss (Typical)	dB	≤0.6 (0.25)
	Isolation (Typical)		≥10 (18)
Return Loss/Directivity (Typical)		dB	≥45/50 (50/55)
Polarization Dependent Loss		dB	≤0.1
Insertion Loss Temp. Sensitivity		dB/°C	≤0.005
Power Handling		mW	300
Operating Temperature		°C	-5~70

5th Digit	Function	850 = 1 x 2 8-SKIP-0
6th & 7th Digits	Channel	850 = 1 x 2 8-SKIP-0
8th Digit	Channel Bandwidth (Min)	1 = 5.4nm
9th & 10th Digits	ITU Channel	XX = Channel # ie
See <a href="#">ITU Grid</a> for Channel nm (CH 21-CH 60)		21 = 21 CH# 22 = 22 CH# 31 = 31 CH# 41 = 41 CH# ..... XX = Others
11th Digit	Packaging	1 = Steel Tube H = Heavy Duty
12th Digit	Fiber Type	1 = 250µm 9 = 900µm 2 = 2mm 3 = 3mm
13th Digit	Fiber Length	1 = 1 meter X = Custom
14th Digit	Connector Type	0 = None 1 = ST/UPC 6 = SC/UPC 7 = FC/UPC A = FC/APC B = SC/APC L = LC/UPC N = LC/APC X = Custom

**Example:** FDDW0021601110

This gives you 100GHz DWDM Filter, 1x2, Channel 60, 250um fiber with no connectors.

F	D	D	W	8	0	2	2	X	X	X	X	X	0
				5	6	7	8	9	10	11	12	13	14
Fiberdyne Labs, Inc. 100GHz DWDM 8-Skip 0 Band Filter													

**Package Dimensions:**

