



FIBERONE[®] provides CWDM Multiplexer and De-multiplexers for ITU or custom channel configurations in the U-Series[®] cassette.

Utilizing thin-film filter technology and epoxy-free optical paths, 2, 4, 8, or custom channel configurations are available, all within the space-saving, easy-access U-Series[®] cassette.

- 2, 4, 8 or custom channels
- Upgrade port option available
- Telescoping cassette design
- Protective U-Guard fiber manager
- Simplified connector access

Specifications:

(Center Wavelength ITU Grid/Customer Specify)	2-Channel	4-Channel	8-Channel
Channel Spacing +/-6 nm	1470-1610 nm		
Channel Passband (nm) 1.0dB	>0.3		
Channel Number	2	4	8
Insertion Loss (dB)	<1.8	<2.7	<3.5
Return Loss (dB)	>50	>50	>50
Adjacent Channel Isolation (dB)	>30		
Non-Adjacent Channel Isolation	>45		
Thermal Drift (nm/Celsius)	<.0005		
Thermal Stability (dB/Celsius)	<0.006	<0.007	<0.008
Channel Uniformity (dB)	<1.5	<1.5	<2.0
Polarization Dependent Loss (dB)	<0.1		
Maximum Power Handling (mW)	250		
Operating Temperature (Celsius)	-40 to +70		
Storage Temperature (Celsius)	-40 to +80		

Who We Are:

FIBERONE[®] builds products that are solid and flexible, supporting a wide range of configurations, densities, and connector options. We engineer them with excellence and manufacture them to perfection, right here in the U.S.A.

Since 2000, we've focused on serving you, the customer. Dedication to service is why we continue to grow in a very competitive market and have become a leading supplier of network solutions for operators throughout the country from our headquarters in East Syracuse, New York.