Key Features

- Low Insertion Loss
- High Channel Isolation
- High Stability and reliability
- Epoxy-free on Optical Path

Applications

- Line monitoring
- WDM network
- Telecommunication
- Equipment test areas
- Cellular Application
- Fiber optical amplifier
- Access Network

Compliance

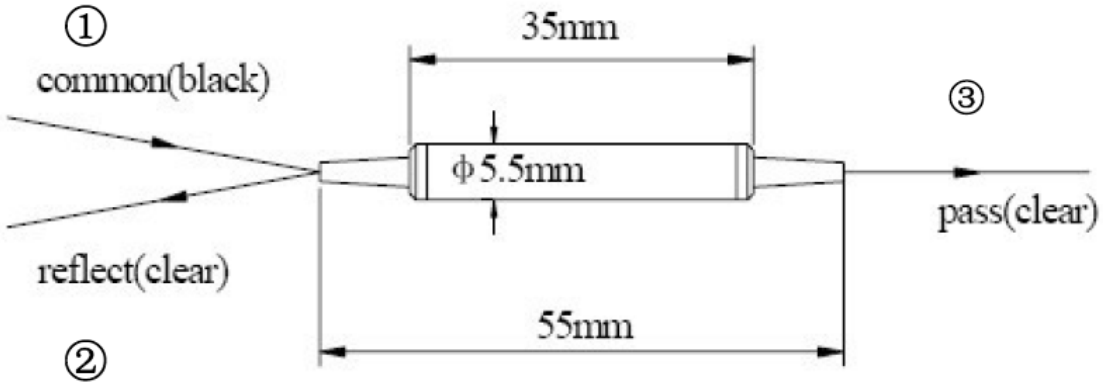
- Compliant with ITU-T G694.2
- Telcordia GR-63

The 1310/1490/1550 WDM devices based on thin-film filter technology are design to address the specific requirements of the FTTP market. Strong coating and passive device packaging capabilities feature these Wads with excellent optical performance, good reliability and ultra-compact size. There are two standard types (General Type, Broadband Type) to meet different customer demands. And any other customized design is also available upon requests.

Specifications

Parameter	Min	Max
Operating wavelength (1310 band)	1260nm	1360nm
Operating wavelength (1490 band)	1480nm	1500nm
Operating wavelength (1550 band)	1540nm	1560nm
Insertion Loss 1→2 (Reflect)	0.4dB	
Insertion Loss 1→3 (Pass)	0.6dB	
Isolation 1→2 (Reflect)	15dB	
Isolation 1→3 (Pass)	30dB	
PDL	0.1dB	
Return Loss	50dB	
Directivity	50dB	
Operating temperature range	0 to 70 °C	
Storage temperature range	-40 to 85 °C	
Operating humidity range	Maximum 95%, non-condensing	
Package dimension (W x H x D)	Φ5.5*35mm	
Maximum power handling	300mW	

Package Dimension (unit mm)



For more information on this or other products and their availability, please contact us.
Specifications may change without notice, IL without connector.

Part number: UFW- A B C D E F G

A (wavelength)	534=1550pass/1310&1490 reflect 345= 1310&1490pass/1550 reflect 435=1490pass/1310&1550 reflect
B (Fiber type)	1= 250um Bare fiber 2= 900um Loose tube
C	0-none 1-FC/PC 2-FC/APC 3-SC/PC 4-SC/APC 5-LC 6-ST C=customized