

# High-efficiency Narrowband Filter narrow bandwidth filter

## Key Advantage

- Fiber amplifier
- WDM&DWDM system
- Optical fiber equipment
- Fiber laser

## Typical Application

- Wide passband range
- Low insertion loss
- High operating power
- Stable operating characteristic



This product uses a film filter with excellent performance to ensure high quality optical performance, stable and reliable. Used to shield noisy signals in EDFA and fiber laser systems. High isolation, low insertion loss, high return loss and high power. According to the needs of users to provide different wavelength versions of the filter, which can be used in dense wavelength division multiplexing optical fiber communication, frequency division multiplexing optical fiber communication, spectrum testing, fiber sensors, fiber lasers and fiber amplifiers and other fields.

Technical Parameter	Technical Index		
Center Operating Wavelength(nm)	518.36±0.05	854.2±0.05	1550.12±0.1
Set Temperature(℃)	/	/	/
Insertion Loss(Max)(dB)	≤4	≤2.2	≤1.55
Total Coupling Efficiency(Min)(dB)	≥40%	≥60%	≥70%
Power Handling(Max)(mW)	100	200	300
Pigtail Type	0.9mm loose tube	0.9mm loose tube	0.9mm loose tube
Fiber Type	Nufern 460 HP	Nufern 780 HP	G657A2/SMF-28e
Connector Type	FC/APC	FC/APC	FC/APC 或 FC/UPC
Fiber Length(m)	≥1.0	≥1.0	≥1.0
Operating Temperature(℃)	0~70	0~70	0~70
Storage Temperature(℃)	-40~85	-40~+85	-40~85