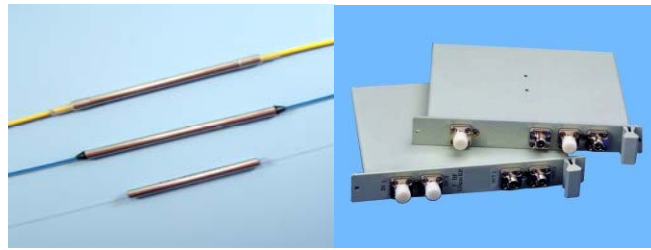


LEAD Fiber Optics PRODUCT CATALOGUE

OPTICAL FILTER

Optical Filter



The Optical Filter is used for selecting one wavelength light from the mixed lights, which will be filtered, in the meantime, letting the other wavelength light pass through.

There are two kind optical Filter for different application: Standard Optical Filter and High Isolation Optical Filter.

Standard Optical Filter

The Standard Filters are designed to filter out different optical wavelengths in optical systems.

High Isolation Optical Filter

The High Isolation optical Filters are designed to filter out different optical wavelengths in optical amplifiers.

LFO Standard Optical Filters and High Isolation Optical Filter both are ultra reliable devices featuring high isolation, low insertion loss, and high port isolation over wide range of temperature and wavelength. With its innovative Fused Biconical Taper (FBT) process, Our Optical Filters are proven to provide exceptional characteristics for all applications demanding critical performance.

Our Optical Filter series are operable in 1310nm pass/1550nm stop, 1310nm stop/1550nm pass, 1310nm pass/1650nm stop, 1310nm stop/1650nm pass, 1550nm pass/1650nm stop, or 1550nm stop/1650nm pass.

We offer optical filter with various kinds of **Fiber Connectors** and **Fiber Cable** length and optional stainless tube package or standard box package and to meet your requirement.

LFO Optical Filter Series



Standard Optical Filter

The Standard Optical Filters are designed to filter out different optical wavelengths in optical systems. With its innovative Fused Biconical Taper (FBT) process, LFO Standard Filters series have proven to provide exceptional characteristics for all applications demanding critical performance.



High isolation Optical Filter

The High Isolation Optical Filters are designed to filter out different optical wavelengths in optical amplifiers. With its innovative Fused Biconical Taper (FBT) process, LFO High isolation filter series are proven to provide exceptional characteristics for all applications demanding critical performance.

Standard Optical Filter

Features

- Extra high isolation
- Low insertion Loss
- High port isolation
- Custom designed specifications
- Environmentally stable

Applications

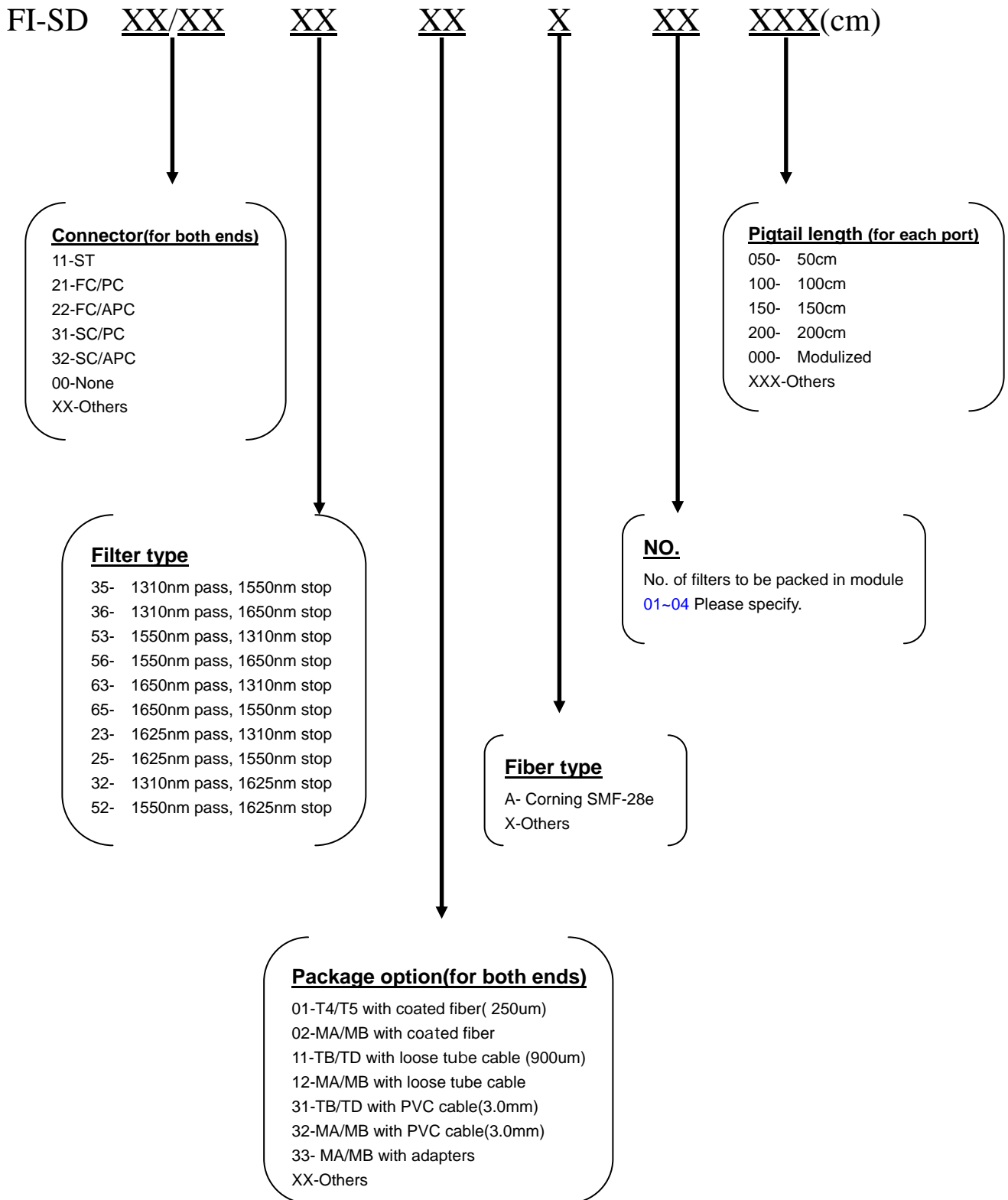
- Telecommunications
- Local area network
- Fiber to the Home
- Video transmission
- Fiber optic sensing
- Test instruments
- CATV&RFTS



Specifications

ITEM	VALUES			
Stop/Pass	Insertion Loss(dB)	Isolation(dB)	Stop band(nm)	Packaging
1310nm stop/1550nm pass	<0.4	>16	40	T2,TB,MA,MB
1310nm pass/1550nm stop	<0.4	>16	40	T2,TB,MA,MB
1310nm stop/1625nm pass	<0.4	>16	40	T2,TB,MA,MB
1310nm pass/1625nm stop	<0.4	>16	40	T2,TB,MA,MB
1310nm stop/1650nm pass	<0.4	>16	40	T2,TB,MA,MB
1310nm pass/1650nm stop	<0.4	>16	40	T2,TB,MA,MB
1550nm stop/1625nm pass	<0.6	>10	10	T4,TE,MA,MB
1550nm pass/1625nm stop	<0.6	>10	10	T4,TE,MA,MB
1550nm stop/1650nm pass	<0.5	>14	10	T4,TE,MA,MB
1550nm pass/1650nm stop	<0.5	>14	10	T4,TE,MA,MB

Standard Optical Filter Ordering information



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Lfo

High Isolation Optical Filter

Features

- Extra high isolation
- High port isolation
- Custom designed specifications
- Low insertion Loss
- Environmentally stable

Applications

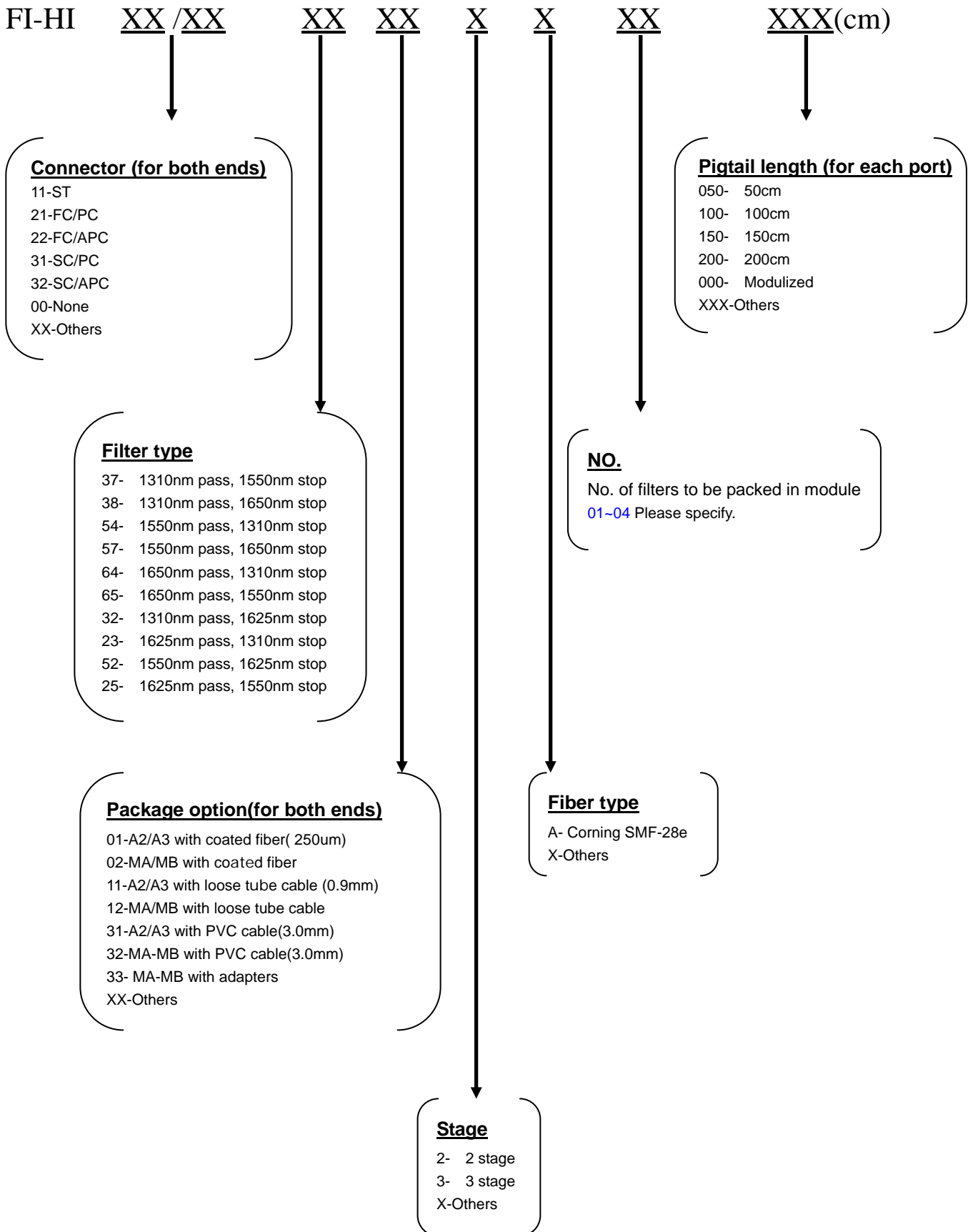
- Telecommunications
- Local area network
- Fiber to the Home
- Video transmission
- Fiber optic sensing
- Test instruments
- CATV



Specifications

ITEM	VALUES						
	Insertion Loss(dB)		Isolation(dB)		Stop band(nm)	Packaging	
Stage	2	3	2	3	2/3	2	3
1310nm stop/1550nm pass	<0.8	<1.2	>30	>40	40	A2,MA,MB	A3,MA,MB
1310nm pass/1550nm stop	<0.8	<1.2	>30	>40	40	A2,MA,MB	A3,MA,MB
1310nm stop/1625nm pass	<0.8	<1.2	>30	>40	40	A2,MA,MB	A3,MA,MB
1310nm pass/1625nm stop	<0.8	<1.2	>30	>40	40	A2,MA,MB	A3,MA,MB
1310nm stop/1650nm pass	<0.8	<1.2	>30	>40	40	A2,MA,MB	A3,MA,MB
1310nm pass/1650nm stop	<0.8	<1.2	>30	>40	40	A2,MA,MB	A3,MA,MB
1550nm stop/1625nm pass	<1.2	<1.7	>20	>30	10	A2,MA,MB	A3,MA,MB
1550nm pass/1625nm stop	<1.2	<1.7	>20	>30	10	A2,MA,MB	A3,MA,MB
1550nm stop/1650nm pass	<0.8	<1.2	>14	>40	10	A2,MA,MB	A3,MA,MB
1550nm pass/1650nm stop	<0.8	<1.2	>14	>40	10	A2,MA,MB	A3,MA,MB

High Isolation Optical Filter Ordering information



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