

## WDM FILTER (980/1550, or 1550/980nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Pass Channel	Wavelength	nm	1520~1600 (or 965~1000)
	Isolation (23°C, All SOP)	Min dB	30
	Insertion Loss (23°C, All SOP)	Max dB	1.0
Reflect Channel	Wavelength	nm	965~1000 (or 1520~1600)
	Isolation (23°C, All SOP)	Min dB	18
	Insertion Loss (23°C, All SOP)	Max dB	0.6
PDL	Max	dB	0.15
PMD	Max	ps	0.1
Return Loss	Min	dB	50
Directivity	Min	dB	60
Optical Power Handling	Max	mW	300
Package Dimension		mm	φ5.5 x L35
Operating Temperature		°C	-20~+70
Storage Temperature		°C	-40~+85

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

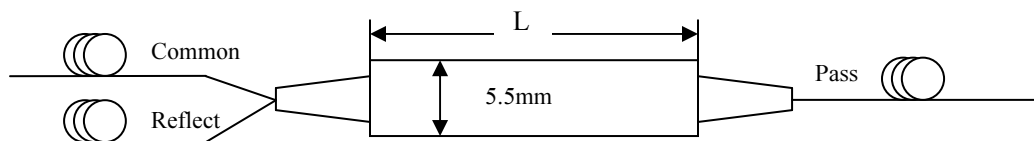
\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

FWDM	Wavelength	Fiber Type	Fiber Length	Connector
FWDM	35=1310pass/1550 reflect	B= SMF-28, 250um	10=1.0m	NE=None
	53=1550pass/ 1310 reflect	L= SMF-28, 900um	15=1.5m	FA=FC/APC
	45=1480pass/1550 reflect		20=2.0m	FC=FC/PC
	54=1550pass/ 1480 reflect	X=Others	30=3.0m	SA=SC/APC
	95=980pass/1550 reflect			SC=SC/PC
	59=1550pass/980 reflect			ST=ST/PC
	15=1510pass/1550 reflect		X=Others	LA=LC/APC
	51=1550pass/1510 reflect			LC=LC/PC
	49=1480pass/1590 reflect			
	94=1590pass/1480 reflect			X=Others
X=Others				

### Package Dimensions



Contact Ascentta for all your custom design needs.

## WDM FILTER

(1480/1550, or 1550/1480nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Pass Channel	Wavelength	nm	1530~1580 (or 1440~1490)
	Isolation (23°C, All SOP)	Min dB	30
	Insertion Loss (23°C, All SOP)	Max dB	0.6
Reflect Channel	Wavelength	nm	1440~1490 (or 1530~1580)
	Isolation (23°C, All SOP)	Min dB	12
	Insertion Loss (23°C, All SOP)	Max dB	0.5
PDL	Max	dB	0.15
PMD	Max	ps	0.1
Return Loss	Min	dB	50
Directivity	Min	dB	60
Optical Power Handling	Max	mW	300
Package Dimension		mm	φ5.5 x L35
Operating Temperature		°C	-20~+70
Storage Temperature		°C	-40~+85

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

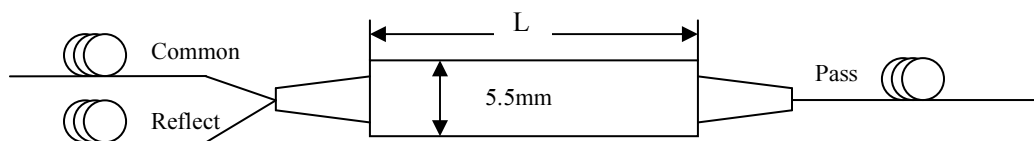
\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

FWDM	Wavelength	Fiber Type	Fiber Length	Connector
FWDM	35=1310pass/1550 reflect	B= SMF-28, 250um	10=1.0m	NE=None
	53=1550pass/ 1310 reflect	L= SMF-28, 900um	15=1.5m	FA=FC/APC
	45=1480pass/1550 reflect		20=2.0m	FC=FC/PC
	54=1550pass/ 1480 reflect	X=Others	30=3.0m	SA=SC/APC
	95=980pass/1550 reflect			SC=SC/PC
	59=1550pass/980 reflect			ST=ST/PC
	15=1510pass/1550 reflect		X=Others	LA=LC/APC
	51=1550pass/1510 reflect			LC=LC/PC
	49=1480pass/1590 reflect			
	94=1590pass/1480 reflect			X=Others
X=Others				

### Package Dimensions



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## WDM FILTER

(1310/1550, or 1550/1310nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Pass Channel	Wavelength	nm	1520~1600 (or 1260~1360)
	Isolation (23°C, All SOP)	Min dB	30
	Insertion Loss (23°C, All SOP)	Max dB	0.6
Reflect Channel	Wavelength	nm	1520~1600 (or 1260~1360)
	Isolation (23°C, All SOP)	Min dB	12
	Insertion Loss (23°C, All SOP)	Max dB	0.5
PDL		Max dB	0.1
PMD		Max ps	0.1
Return Loss		Min dB	50
Directivity		Min dB	60
Optical Power Handling		Max mW	300
Package Dimension		mm	φ5.5 x L35
Operating Temperature		°C	-20~+70
Storage Temperature		°C	-40~+85

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

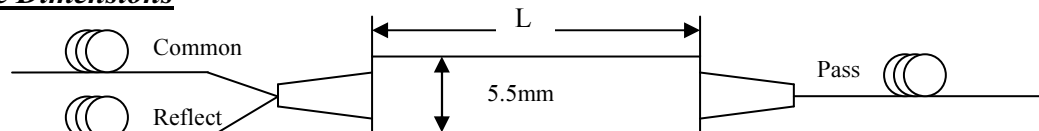
\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

FWDM	Wavelength	Fiber Type	Fiber Length	Connector
FWDM	35=1310pass/1550 reflect	B= SMF-28, 250um	10=1.0m	NE=None
	53=1550pass/ 1310 reflect	L= SMF-28, 900um	15=1.5m	FA=FC/APC
	45=1480pass/1550 reflect		20=2.0m	FC=FC/PC
	54=1550pass/ 1480 reflect	X=Others	30=3.0m	SA=SC/APC
	95=980pass/1550 reflect			SC=SC/PC
	59=1550pass/980 reflect		X=Others	ST=ST/PC
	15=1510pass/1550 reflect			LA=LC/APC
	51=1550pass/1510 reflect			LC=LC/PC
	49=1480pass/1590 reflect			X=Others
	94=1590pass/1480 reflect			
X=Others				

### Package Dimensions



Contact Ascentta for all your custom design needs.

## WDM FILTER

(C-Band/L-Band, or L-Band/C-Band)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Pass Channel	Wavelength	nm	1570~1610 (or 1500~1564)
	Isolation (23°C, All SOP)	Min dB	30
	Insertion Loss (23°C, All SOP)	Max dB	0.6
Reflect Channel	Wavelength	nm	1500~1564 (or 1570~1610)
	Isolation (23°C, All SOP)	Min dB	12
	Insertion Loss (23°C, All SOP)	Max dB	0.5
PDL		Max dB	0.15
PMD		Max ps	0.1
Return Loss		Min dB	50
Directivity		Min dB	60
Optical Power Handling		Max mW	300
Package Dimension		mm	φ5.5 x L35
Operating Temperature		°C	-20~+70
Storage Temperature		°C	-40~+85

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

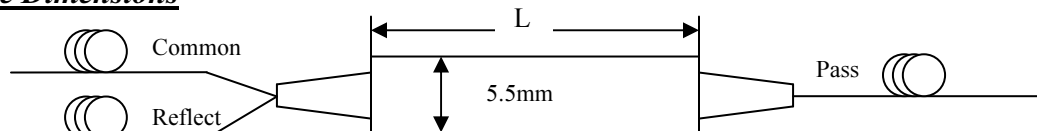
\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

FWDM	Wavelength	Fiber Type	Fiber Length	Connector
FWDM	35=1310pass/1550 reflect	B= SMF-28, 250um	10=1.0m	NE=None
	53=1550pass/ 1310 reflect	L= SMF-28, 900um	15=1.5m	FA=FC/APC
	45=1480pass/1550 reflect		20=2.0m	FC=FC/PC
	54=1550pass/ 1480 reflect	X=Others	30=3.0m	SA=SC/APC
	95=980pass/1550 reflect			SC=SC/PC
	59=1550pass/980 reflect		X=Others	ST=ST/PC
	15=1510pass/1550 reflect			LA=LC/APC
	51=1550pass/1510 reflect			LC=LC/PC
	49=1480pass/1590 reflect			
	94=1590pass/1480 reflect			X=Others
X=Others				

### Package Dimensions



Contact Ascentta for all your custom design needs.

## BANDPASS FILTER (Option: 850 to 1600nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	Option: 850 to 1600
Bandwidth (3dB)		nm	Option: 0.2 to 40
Isolation (23°C, All SOP)	Min	dB	Custom
Insertion Loss (23°C, All SOP)	Max	dB	Custom
PDL (for non-Polarization-Maintaining parts)	Max	dB	0.1
Return Loss	Min	dB	50
Optical Power Handling	Max	mW	300
Fiber Type (Polarization Dependent)		-	PM Panda
Package Dimension		mm	φ5.5 × L35
Operating Temperature		°C	0 ~ +65
Storage Temperature		°C	-40 ~ +85

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

\* SOP=State Of Polarization (Applicable to non-Polarization-Maintaining parts.)

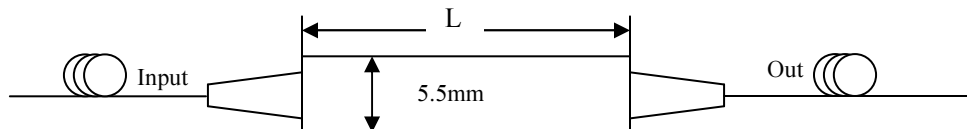
\* For Polarization-Maintaining parts connector key is aligned to slow axis.

### Ordering Information

Contact Ascentta with your custom configuration needs.

BP	Wavelength	Bandwidth (3dB)	Fiber	Cable Type	Fiber Length	Connector
BP	1550=1550nm	002=0.2nm	S=SMF-28	B=250um	10=1.0m	NE=None
	1310=1310nm	020=2.0nm	M5=50/125um	O=400um	15=1.5m	FA=FC/APC
	1064=1064nm	200=20nm	M6=62.5/125um	L=0.9mm	20=2.0m	FC=FC/PC
	0980=980nm	X=Others	F1=1060 Flexcore	W=2mm	30=3.0m	SA=SC/APC
	X= Others		HI=HI-1060	H=3mm	X=Others	SC=SC/PC
		PM=PM Panda Fiber	X=Others		ST=ST/PC	
		X= Others			LA=LC/APC	LC=LC/PC
						X=Others

### Package Dimensions



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