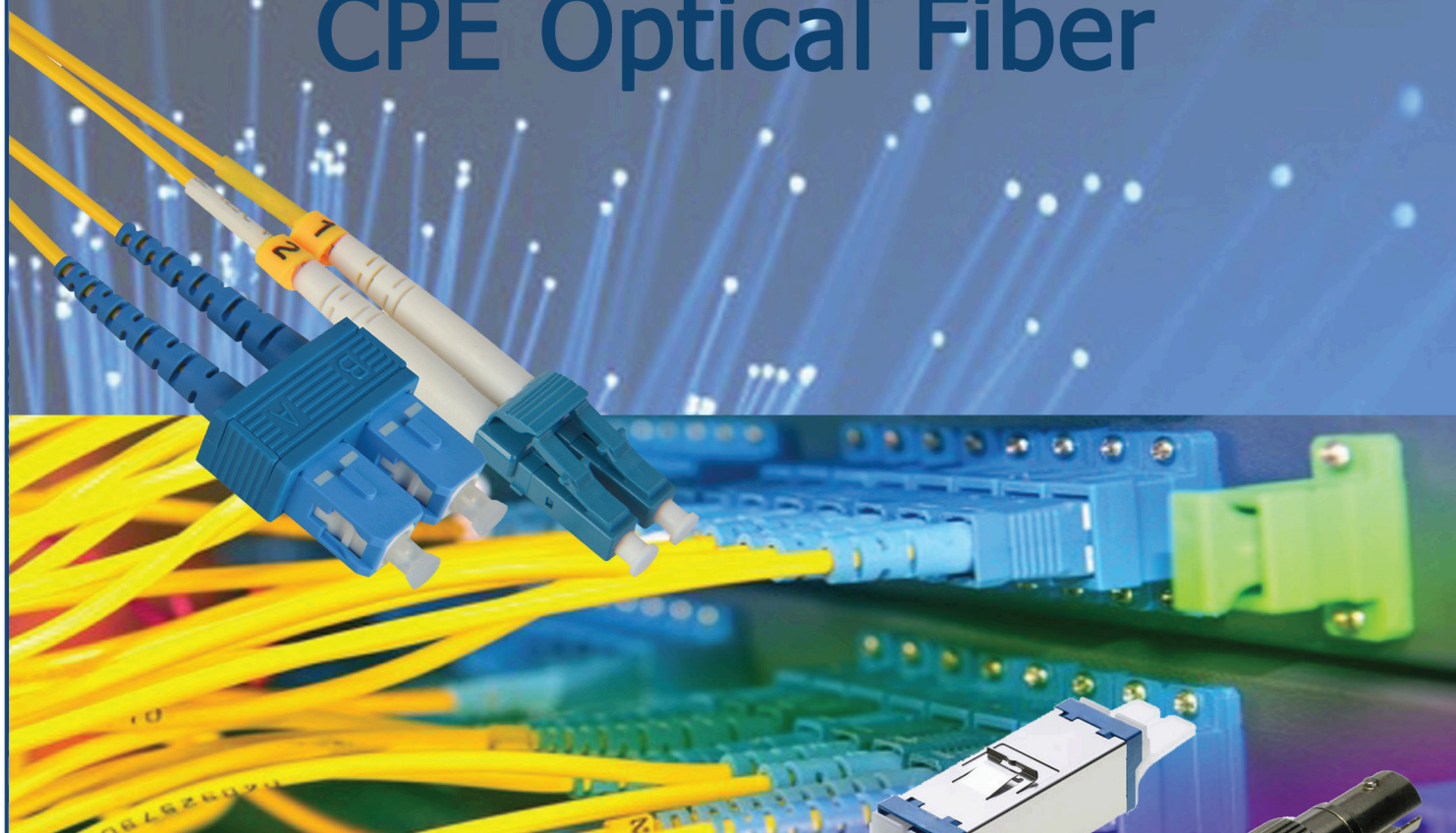




COF

CPE Optical Fiber



CPE Italia Group

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SECTION A: FIBER OPTIC - STANDARD PATCHCORD

Technical drawings or different configurations upon request.

ORDERING INFORMATION

FIBER OPTIC - STANDARD PATCHCORD

SECTION A

1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14
F	X	X	X	X	X	X	X	X	X	X	X	XXXX	X

CPE KEY CODE

1 FIBER OPTIC - STANDARD PATCHCORD

CONFIGURATION

2	SIMPLEX INDOOR	S
	DUPLEX INDOOR	D
	SIMPLEX I/O	1
	DUPLEX I/O	2
	DUPLEX DOUBLE JACKETED	3

FIBER TYPE

3	G657A2	7
	G657A1	6
	G657B3	8
	G652D	D
	OM1	1
	OM2	2
	OM3	3
	OM4	4
	OS1	A
	OS2	B

OUTER DIAMETER

4	BARE FIBER (available only with bare fiber jacket type and bare jacket colour)	0
	0,9mm	1
	1,6mm	2
	1,8mm	3
	2,0mm	4
	2,4mm	5
	2,6mm	6
	2,8mm	7
	3,0mm	8

JACKET TYPE

5	BARE FIBER (available only with bare fiber outer diameter)	B
	OFNR DUAL RATED	D
	LSZH	L
	PLENUM	P
	RISER	R
	PUR	U
	PVC	V

JACKET COLOR

6	BARE (available only with bare fiber outer diameter)	0
	AQUA (OM3)	A
	BLUE (SINGLEMODE)	B
	GREEN (OM2)	G
	ORANGE (OM1/OM2)	O
	VIOLET (OM4)	V
	YELLOW (SINGLEMODE)	Y
	WHITE	W

CONNECTOR LEFT SIDE *

7	DIN	D
	E2000/APC	B
	E2000/APC DUPLEX	R
	E2000/UPC	E
	E2000/UPC DUPLEX	V
	FC/APC	7
	FC/UPC	F
	LC/APC	1
	LC/APC DUPLEX	3
	LC/UPC	L
	LC/UPC DUPLEX	2
	LX.5/APC	C
	LX.5/APC DUPLEX	G
	LX.5/UPC	H
	LX.5/UPC DUPLEX	N
	MU/APC	8
	MU/APC DUPLEX	U
	MU/UPC	M
	MU/UPC DUPLEX	9
	SC/APC	4
	SC/APC DUPLEX	6
	SC/UPC	S
	SC/UPC DUPLEX	5
	SMA	A
	ST/UPC	T

* CONNECTOR ON LEFT SIDE MUST BE SELECTED IN ALPHABETICAL ORDER LOWER OF CONNECTOR ON THE RIGHT SIDE.

ORDERING INFORMATION

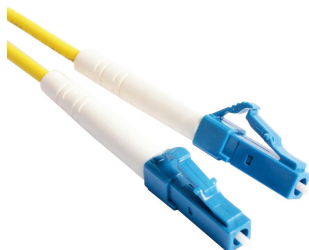
FIBER OPTIC - STANDARD PATCHCORD

BOOT LEFT SIDE			
8	REGULAR	Singlemode: WHITE for LC; BLUE for SC, E2000, MU, LX.5; BLACK for FC, DIN, SMA, ST; GREEN for all APC type Multimode: WHITE for LC, SC (OM3/OM4); BLACK for FC, ST, DIN, MU, E2000; BEIGE for LX.5, SC (OM1/OM2)	R
	SHORT BOOT WHITE	(available only for LC and SC connector)	S
	SHORT BOOT BLACK	(available only for LC connector)	L
	45° ANGLE BOOT WHITE	(available only for LC connector)	4
	90° ANGLE BOOT WHITE	(available only for LC connector)	N
	FLEX BOOT WHITE	(available only for LC and SC connector)	F
	FLEX BOOT BLACK	(available only for LC and SC connector)	E
	RED & BLUE BOOT		C
	BLACK		K
	BLUE		B
	WHITE		W
CONNECTOR RIGHT SIDE			
9	PIGTAIL	(when selected only E "no one" on boot right side must be used)	P
	DIN		D
	E2000/APC		B
	E2000/APC DUPLEX		R
	E2000/UPC		E
	E2000/UPC DUPLEX		V
	FC/APC		7
	FC/UPC		F
	LC/APC		1
	LC/APC DUPLEX		3
	LC/UPC		L
	LC/UPC DUPLEX		2
	LX.5/APC		C
	LX.5/APC DUPLEX		G
	LX.5/UPC		H
	LX.5/UPC DUPLEX		N
	MU/APC		8
	MU/APC DUPLEX		U
	MU/UPC		M
	MU/UPC DUPLEX		9
	SC/APC		4
	SC/APC DUPLEX		6
	SC/UPC		S
	SC/UPC DUPLEX		5
	SMA		A
	ST/UPC		T
BOOT RIGHT SIDE			
10	NO ONE	(available only for PIGTAIL)	E
	REGULAR	Singlemode: WHITE for LC; BLUE for SC, E2000, MU, LX.5; BLACK for FC, DIN, SMA, ST; GREEN for all APC type Multimode: WHITE for LC, SC (OM3/OM4); BLACK for FC, ST, DIN, MU, E2000; BEIGE for LX.5, SC (OM1/OM2)	R
	SHORT BOOT WHITE	(available only for LC and SC connector)	S
	SHORT BOOT BLACK	(available only for LC connector)	L
	45° ANGLE BOOT WHITE	(available only for LC connector)	4
	90° ANGLE BOOT WHITE	(available only for LC connector)	N
	FLEX BOOT WHITE	(available only for LC and SC connector)	F
	FLEX BOOT BLACK	(available only for LC and SC connector)	E
	RED & BLUE BOOT		C
	BLACK		K
	BLUE		B
	WHITE		W
CONNECTOR GRADE			
11	GRADE A		A
	GRADE B		B
	GRADE C		C
CUSTOM SOLUTION			
12	NO ONE		E
	ARMORED	(O.D. 3mm min.)	A
	PRYSMIAN FIBER		P
13	PATCHCORD LENGTH (4 DIGIT)		
UNIT OF LENGTH			
14	METERS		M
	FEET		

LC/UPC-LC/UPC PATCHCORD SIMPLEX

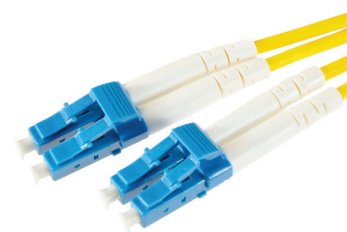
SECTION A

F S L L M



LC/UPC-LC/UPC PATCHCORD DUPLEX

F D 2 2 M



Performance Specifications

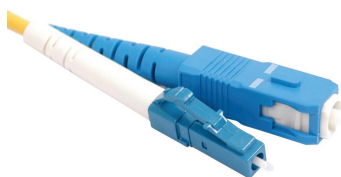
Parameters		Typical	Unit
Operating Wavelength		1260 ~ 1625 (SM) ; 850 & 1300 (MM)	nm
Insertion Loss ⁽¹⁾	SM type ⁽¹⁾	0.40 (Max) - 0.20 (Mean)	dB
	MM type	0.30 (Max)	
Return Loss ⁽¹⁾	UPC Type	-40	dB
	APC Type	-60	
Connection Durability		500	mating
Connector Repeatability		0.20	dB
Operating Temperature		-25 ~ +70	°C

⁽¹⁾ According to IEC 61754 and Telcordia GR-326 - Issue 4. Better I.L. and R.L. can be achieved with grade A and grade B patchcord.
Tested at 1310nm and 1550nm for singlemode type; 850nm and 1310nm for multimode type.



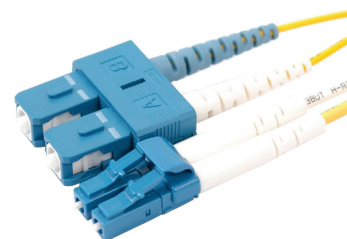
LC/UPC-SC/UPC PATCHCORD SIMPLEX

F S L S M



LC/UPC-SC/UPC PATCHCORD DUPLEX

F D 2 5 M



Performance Specifications

Parameters		Typical	Unit
Operating Wavelength		1260 ~ 1625 (SM) ; 850 & 1300 (MM)	nm
Insertion Loss ⁽¹⁾	SM type ⁽¹⁾	0.40 (Max) - 0.20 (Mean)	dB
	MM type	0.30 (Max)	
Return Loss ⁽¹⁾	UPC Type	-40	dB
	APC Type	-60	
Connection Durability		500	mating
Connector Repeatability		0.20	dB
Operating Temperature		-25 ~ +70	°C

⁽¹⁾ According to IEC 61754 and Telcordia GR-326 - Issue 4. Better I.L. and R.L. can be achieved with grade A and grade B patchcord.
Tested at 1310nm and 1550nm for singlemode type; 850nm and 1310nm for multimode type.



FC/UPC-LC/UPC PATCHCORD SIMPLEX

F S L M



FC/UPC-LC/UPC PATCHCORD DUPLEX

F D F 2 M



SECTION A

Performance Specifications

Parameters		Typical	Unit
Operating Wavelength		1260 ~ 1625 (SM) ; 850 & 1300 (MM)	nm
Insertion Loss ⁽¹⁾	SM type ⁽¹⁾	0.40 (Max) - 0.20 (Mean)	dB
	MM type	0.30 (Max)	
Return Loss ⁽¹⁾	UPC Type	-40	dB
	APC Type	-60	
Connection Durability		500	mating
Connector Repeatability		0.20	dB
Operating Temperature		-25 ~ +70	°C

⁽¹⁾ According to IEC 61754 and Telcordia GR-326 - Issue 4. Better I.L. and R.L. can be achieved with grade A and grade B patchcord. Tested at 1310nm and 1550nm for singlemode type; 850nm and 1310nm for multimode type.



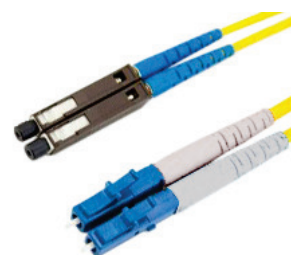
LC/UPC-MU/UPC PATCHCORD SIMPLEX

F S L M M



LC/UPC-MU/UPC PATCHCORD DUPLEX

F D 2 9 M



Performance Specifications

Parameters		Typical	Unit
Operating Wavelength		1260 ~ 1625 (SM) ; 850 & 1300 (MM)	nm
Insertion Loss ⁽¹⁾	SM type ⁽¹⁾	0.40 (Max) - 0.20 (Mean)	dB
	MM type	0.30 (Max)	
Return Loss ⁽¹⁾	UPC Type	-40	dB
	APC Type	-60	
Connection Durability		500	mating
Connector Repeatability		0.20	dB
Operating Temperature		-25 ~ +70	°C

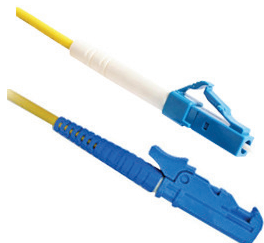
⁽¹⁾ According to IEC 61754 and Telcordia GR-326 - Issue 4. Better I.L. and R.L. can be achieved with grade A and grade B patchcord. Tested at 1310nm and 1550nm for singlemode type; 850nm and 1310nm for multimode type.



E2000/UPC-LC/UPC PATCHCORD SIMPLEX

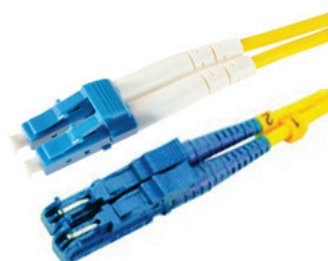
SECTION A

F S E L M



E2000/UPC-LC/UPC PATCHCORD DUPLEX

F D V 2 M



Performance Specifications

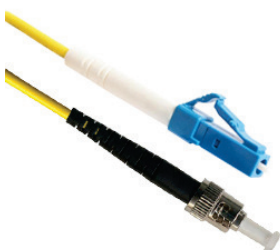
Parameters		Typical	Unit
Operating Wavelength		1260 ~ 1625 (SM) ; 850 & 1300 (MM)	nm
Insertion Loss ⁽¹⁾	SM type ⁽¹⁾	0.40 (Max) - 0.20 (Mean)	dB
	MM type	0.30 (Max)	
Return Loss ⁽¹⁾	UPC Type	-40	dB
	APC Type	-60	
Connection Durability		500	mating
Connector Repeatability		0.20	dB
Operating Temperature		-25 ~ +70	°C

⁽¹⁾ According to IEC 61754 and Telcordia GR-326 - Issue 4. Better I.L. and R.L. can be achieved with grade A and grade B patchcord. Tested at 1310nm and 1550nm for singlemode type; 850nm and 1310nm for multimode type.



LC/UPC-ST/UPC PATCHCORD SIMPLEX

F S L T M



LC/UPC-ST/UPC PATCHCORD DUPLEX

F D 2 T M



Performance Specifications

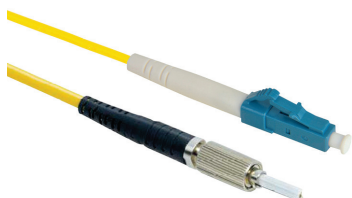
Parameters		Typical	Unit
Operating Wavelength		1260 ~ 1625 (SM) ; 850 & 1300 (MM)	nm
Insertion Loss ⁽¹⁾	SM type ⁽¹⁾	0.40 (Max) - 0.20 (Mean)	dB
	MM type	0.30 (Max)	
Return Loss ⁽¹⁾	UPC Type	-40	dB
	APC Type	-60	
Connection Durability		500	mating
Connector Repeatability		0.20	dB
Operating Temperature		-25 ~ +70	°C

⁽¹⁾ According to IEC 61754 and Telcordia GR-326 - Issue 4. Better I.L. and R.L. can be achieved with grade A and grade B patchcord. Tested at 1310nm and 1550nm for singlemode type; 850nm and 1310nm for multimode type.



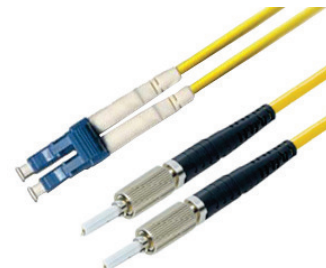
DIN-LC/UPC PATCHCORD SIMPLEX

F S D L M



DIN-LC/UPC PATCHCORD DUPLEX

F D D 2 M



SECTION A

Performance Specifications

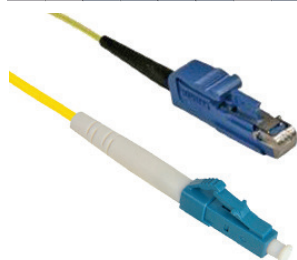
Parameters		Typical	Unit
Operating Wavelength		1260 ~ 1625 (SM) ; 850 & 1300 (MM)	nm
Insertion Loss ⁽¹⁾	SM type ⁽¹⁾	0.40 (Max) - 0.20 (Mean)	dB
	MM type	0.30 (Max)	
Return Loss ⁽¹⁾	UPC Type	-40	dB
	APC Type	-60	
Connection Durability		500	mating
Connector Repeatability		0.20	dB
Operating Temperature		-25 ~ +70	°C

⁽¹⁾ According to IEC 61754 and Telcordia GR-326 - Issue 4. Better I.L. and R.L. can be achieved with grade A and grade B patchcord. Tested at 1310nm and 1550nm for singlemode type; 850nm and 1310nm for multimode type.



LC/UPC-LX.5/UPC PATCHCORD SIMPLEX

F S L H M



LC/UPC-LX.5/UPC PATCHCORD DUPLEX

F D 2 N M



Performance Specifications

Parameters		Typical	Unit
Operating Wavelength		1260 ~ 1625 (SM) ; 850 & 1300 (MM)	nm
Insertion Loss ⁽¹⁾	SM type ⁽¹⁾	0.40 (Max) - 0.20 (Mean)	dB
	MM type	0.30 (Max)	
Return Loss ⁽¹⁾	UPC Type	-40	dB
	APC Type	-60	
Connection Durability		500	mating
Connector Repeatability		0.20	dB
Operating Temperature		-25 ~ +70	°C

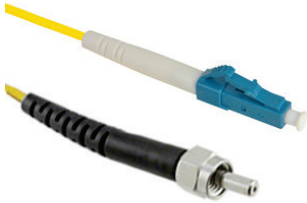
⁽¹⁾ According to IEC 61754 and Telcordia GR-326 - Issue 4. Better I.L. and R.L. can be achieved with grade A and grade B patchcord. Tested at 1310nm and 1550nm for singlemode type; 850nm and 1310nm for multimode type.



LC/UPC-SMA PATCHCORD SIMPLEX

SECTION A

F S L A M



LC/UPC-SMA PATCHCORD DUPLEX

F D 2 A M



Performance Specifications

Parameters		Typical	Unit
Operating Wavelength		1260 ~ 1625 (SM) ; 850 & 1300 (MM)	nm
Insertion Loss ⁽¹⁾	SM type ⁽¹⁾	0.40 (Max) - 0.20 (Mean)	dB
	MM type	0.30 (Max)	
Return Loss ⁽¹⁾	UPC Type	-40	dB
	APC Type	-60	
Connection Durability		500	mating
Connector Repeatability		0.20	dB
Operating Temperature		-25 ~ +70	°C

⁽¹⁾ According to IEC 61754 and Telcordia GR-326 - Issue 4. Better I.L. and R.L. can be achieved with grade A and grade B patchcord.
Tested at 1310nm and 1550nm for singlemode type; 850nm and 1310nm for multimode type.



SECTION B: FIBER ACCESSORIES - ATTENUATORS

Technical drawings or different configurations upon request.

ORDERING INFORMATION

FIBER ACCESSORIES - ATTENUATORS

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
FAA	X	X	X	X	X	X	X	X	X

CPE KEY CODE

1 FIBER ACCESSORIES ATTENUATORS		
MODE TYPE		
2	SINGLEMODE	S
	MULTIMODE	M
HOUSING COLOUR		
3	BEIGE (available only for Multimode LC and SC connector type)	C
	BLUE (available only for Singlemode LC, SC and E2000 connector type)	B
	BROWN (available only for MU connector type)	M
	GREEN (available only for Singlemode LC, SC and E2000 connector type)	G
	METAL (available only for FC and ST connector type)	S
DESIGN TYPE		
4	MALE TO FEMALE	M
	IN-LINE	I
CONNECTOR TYPE		
5	LC	L
	FC	F
	E2000	E
	MU	M
	SC	S
	ST	T
FERRULE TYPE		
6	NO ONE (available only for In-line type)	E
	UPC (available only for Male to Female type)	U
	APC (available only for Male to Female Singlemode type)	A
ATTENUATION VALUE		
7	1 dB	01
	2 dB	02
	3 dB	03
	4 dB	04
	5 dB	05
	6 dB	06
	7 dB	07
	8 dB	08
	9 dB	09
	10 dB	10
	11 dB	11
	12 dB	12
	13 dB	13
	14 dB	14
	15 dB	15
	16 dB	16
	17 dB	17
	18 dB	18
	19 dB	19
	20 dB	20

LC ATTENUATORS

FAA **L**


MALE TO FEMALE

TYPE	COLOUR
Singlemode	Blue (UPC) Green (APC)
Multimode	Beige



IN-LINE

TYPE	COLOUR
Singlemode	Blue (UPC) Green (APC)
Multimode	Beige

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Operating Wavelength Range		1310 / 1490 / 1550 / 1625			nm
Attenuation Accuracy	0÷5 dB Attenuation	±0.5			dB
	>5 dB Attenuation	±10%			dB
Return Loss	UPC Type	-50			dB
	APC Type	-60			
Operating Temperature		-40			+75 °C



FC ATTENUATORS

FAA **F**


MALE TO FEMALE

TYPE	COLOUR
Singlemode	Metal (UPC) Metal (APC)
Multimode	Metal



IN-LINE

TYPE	COLOUR
Singlemode	Metal (UPC) Metal (APC)
Multimode	Metal

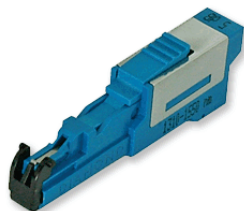
Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Operating Wavelength Range		1310 / 1490 / 1550 / 1625			nm
Attenuation Accuracy	0÷5 dB Attenuation	±0.5			dB
	>5 dB Attenuation	±10%			dB
Return Loss	UPC Type	-50			dB
	APC Type	-60			
Operating Temperature		-40			+75 °C



E2000 ATTENUATORS

FAA ■ ■ ■ ■ E ■ ■ ■ ■



MALE TO FEMALE

TYPE	COLOUR
Singlemode	Blue (UPC) Green (APC)
Multimode	Beige Black



IN-LINE

TYPE	COLOUR
Singlemode	Blue (UPC) Green (APC)
Multimode	Beige Black

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Operating Wavelength Range		1310 / 1490 / 1550 / 1625			nm
Attenuation Accuracy	0÷5 dB Attenuation	±0.5			dB
	>5 dB Attenuation	±10%			dB
Return Loss	UPC Type	-50			dB
	APC Type	-60			
Operating Temperature		-40			+75 °C



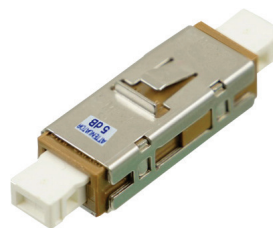
MU ATTENUATORS

FAA ■ ■ ■ ■ M ■ ■ ■ ■



MALE TO FEMALE

TYPE	COLOUR
Singlemode	Brown (UPC) Green (APC)
Multimode	Beige



IN-LINE

TYPE	COLOUR
Singlemode	Blue (UPC) Green (APC)
Multimode	Beige

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Operating Wavelength Range		1310 / 1490 / 1550 / 1625			nm
Attenuation Accuracy	0÷5 dB Attenuation	±0.5			dB
	>5 dB Attenuation	±10%			dB
Return Loss	UPC Type	-50			dB
	APC Type	-60			
Operating Temperature		-40			+75 °C



SC ATTENUATORS

FAA **S**


MALE TO FEMALE

TYPE	COLOUR
Singlemode	Blue (UPC)
	Green (APC)
	Metal
Multimode	Beige Metal



IN-LINE

TYPE	COLOUR
Singlemode	Blue (UPC)
	Green (APC)
Multimode	Beige

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Operating Wavelength Range		1310 / 1490 / 1550 / 1625			nm
Attenuation Accuracy	0÷5 dB Attenuation	±0.5			dB
	>5 dB Attenuation	±10%			dB
Return Loss	UPC Type	-50			dB
	APC Type	-60			
Operating Temperature		-40			+75 °C



ST ATTENUATORS

FAA **T**


MALE TO FEMALE

TYPE	COLOUR
Singlemode	Metal (UPC)
	Metal (APC)
Multimode	Metal



IN-LINE

TYPE	COLOUR
Singlemode	Metal (UPC)
	Metal (APC)
Multimode	Metal

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Operating Wavelength Range		1310 / 1490 / 1550 / 1625			nm
Attenuation Accuracy	0÷5 dB Attenuation	±0.5			dB
	>5 dB Attenuation	±10%			dB
Return Loss	UPC Type	-50			dB
	APC Type	-60			
Operating Temperature		-40			+75 °C



SECTION C: FIBER ACCESSORIES - ADAPTERS

Technical drawings or different configurations upon request.

ORDERING INFORMATION

FIBER ACCESSORIES - ADAPTERS

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
FAT	X	X	X	X	X	X	X	X	X

CPE KEY CODE

1 FIBER ACCESSORIES ADAPTERS

MODE TYPE

2	SINGLEMODE	S
	MULTIMODE	M

HOUSING MATERIAL

3	METALLIC (Metallic frame/body available only for MPO/MTP and MT-RJ adapter)	M
	PLASTIC	P

CONFIGURATION

4	NO ONE (MPO/MTP only)	E
	SIMPLEX	S
	DUPLEX	D
	QUAD (LC Type only)	4
	8-PORT (MU Type only)	8

SLEEVE TYPE

5	NO SLEEVE (MPO/MTP and MT-RJ only)	E
	ZIRCONIA (not available for SMA)	Z
	PHOSPHORE BRONZE	P

FLANGE

6	NO FLANGE	E
	WITH FLANGE	F

CONNECTOR SIDE A

7	DIN (only DIN available on side B)	D
	E2000	E
	FC	F
	LC	L
	MPO (only MPO available on side B)	U
	MU	M
	SC	S
	SMA (only SMA available on side B)	9
	ST	T

CONNECTOR SIDE B

8	DIN (only DIN available on side A)	D
	E2000	E
	FC	F
	LC	L
	MPO (only MPO available on side A)	U
	MU	M
	SC	S
	SMA (only SMA available on side A)	9
	ST	T

HOUSING COLOR

9	AQUA (OM3) (only for LC and SC connector)	A
	BEIGE (MM)	C
	BLACK	K
	BLUE (SM)	B
	BROWN (only for MU/UPC)	M
	GREEN (SM)	G
	METAL	S
	RED (SM)	R
	VIOLET (OM4) (only for LC and SC connector)	V

CUSTOMIZATION

10	NO ONE	E
	SHUTTER (only for LC and SC connector)	S
	REMOVABLE SHUTTER (only for LC and SC connector)	R
	INTERNAL PLASTIC SHUTTER (only for SC connector)	I
	INTERNAL METAL SHUTTER (only for LC connector)	M
	REGULAR KEY (only for MPO connector)	U
	REVERSED KEY (only for MPO connector)	D

DIN ADAPTERS

FAT						D	D	S	
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TYPE	COLOUR
Singlemode	Metal (UPC)
	Metal (APC)
Multimode	Metal

Performance Specifications

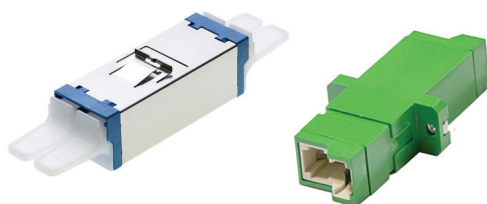
Parameters		Min.	Typical	Max.	Unit
Insertion Loss	SM Type			0.2	dB
	MM Type			0.3	
Connection Durability	500 matings		<0.1		dB
Operating Temperature		-20		+75	°C
Storage Temperature		-40		+75	°C



SECTION C

E2000 ADAPTERS

FAT						E	E		
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TYPE	COLOUR
Singlemode	Blue (UPC)
	Green (APC)
Multimode	Beige
	Black

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Insertion Loss	SM Type			0.2	dB
	MM Type			0.3	
Connection Durability	500 matings		<0.1		dB
Operating Temperature		-20		+75	°C
Storage Temperature		-40		+75	°C



FC ADAPTERS

FAT						F	F	S	
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TYPE	COLOUR
Singlemode	Metal (UPC)
	Metal (APC)
Multimode	Metal

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Insertion Loss	SM Type			0.2	dB
	MM Type			0.3	
Connection Durability	500 matings		<0.1		dB
Operating Temperature		-20		+75	°C
Storage Temperature		-40		+75	°C



LC ADAPTERS

FAT						L	L		
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TYPE	COLOUR
Singlemode	Blue, Red (UPC)
	Green (APC)
Multimode	Aqua (OM3)
	Beige, Black (MM)
	Violet (OM4)

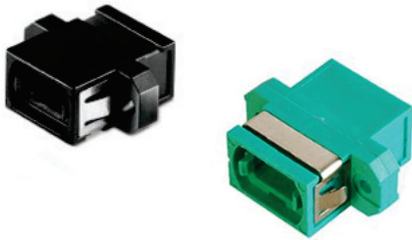
Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Insertion Loss	SM Type			0.2	dB
	MM Type			0.3	
Connection Durability	500 matings		<0.1		dB
Operating Temperature		-20		+75	°C
Storage Temperature		-40		+75	°C



MPO ADAPTERS

FAT						U	U		
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TYPE	COLOUR
Singlemode	Green
	Black
Multimode	Aqua
	Beige
	Violet

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Insertion Loss	SM Type			0.2	dB
	MM Type			0.3	
Connection Durability	500 matings		<0.1		dB
Operating Temperature		-20		+75	°C
Storage Temperature		-40		+75	°C



SECTION C

MU ADAPTERS

FAT						M	M	M	
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TYPE	COLOUR
Singlemode	Brown
Multimode	Brown

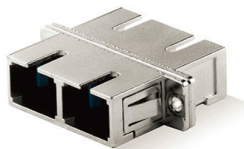
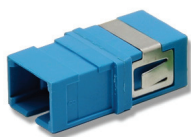
Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Insertion Loss	SM Type			0.2	dB
	MM Type			0.3	
Connection Durability	500 matings		<0.1		dB
Operating Temperature		-20		+75	°C
Storage Temperature		-40		+75	°C



SC ADAPTERS

FAT						S	S		
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TYPE	COLOUR
Singlemode	Blue, Metal (UPC)
	Green (APC)
Multimode	Aqua (OM3)
	Beige, Black, Metal (MM)
	Violet (OM4)

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Insertion Loss	SM Type			0.2	dB
	MM Type			0.3	
Connection Durability	500 matings		<0.1		dB
Operating Temperature		-20		+75	°C
Storage Temperature		-40		+75	°C

SECTION C



SMA ADAPTERS

FAT						9	9	S	
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TYPE	COLOUR
Singlemode	Metal (UPC)
	Metal (APC)
Multimode	Metal

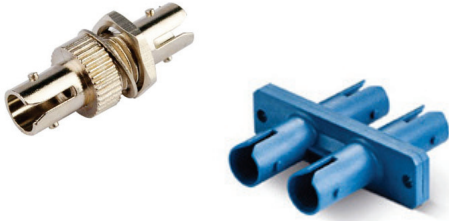
Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Insertion Loss	SM Type			0.2	dB
	MM Type			0.3	
Connection Durability	500 matings		<0.1		dB
Operating Temperature		-20		+75	°C
Storage Temperature		-40		+75	°C



ST ADAPTERS

FAT						T	T		
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TYPE	COLOUR
Singlemode	Blue
	Metal
Multimode	Beige
	Metal

Performance Specifications

Parameters		Min.	Typical	Max.	Unit
Insertion Loss	SM Type			0.2	dB
	MM Type			0.3	
Connection Durability	500 matings		<0.1		dB
Operating Temperature		-20		+75	°C
Storage Temperature		-40		+75	°C





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