

## Single Mode Double Window Coupler

Test Data

P/N:Double Window-1×2-1314

S/N:21071314920124

Fiber type: Corning SMF-28

Operating Wavelength: 1310/1490nm

Package Dimensions: 3×54mm

Fiber Length: 1m

Operating Temperature: -40~85℃

Connector: SC/UPC

Data tested:

	Output							
Items	131	0nm	149	Onm				
	orange	blue	orange	blue				
Coupling Ratio(%)	92	8	82	18				
Insertion Loss(dB)	0.75	11.86	1.28	7.92				
PDL(dB)	-0.04	0.04	0.03	0.05				
Excess Loss(dB)	0.03		0.06					
Directivity(dB)	≥:	55	≥55					

Tested by: QC 03

Date: 2021-07-17



Model: FBT 1x2-SC/UPC

Operating Wavelength	4040/4400/4550 40000					
and Bandwidth:	1310/1490/1550±40nm	In 1:(Whi	te)—	S/N:×××		t1(Blue) t2(Orange)
Fiber Type:	SMF-28e G652D				_	
Main Cno	aifaatiana	Required		IL(dB)		PDL(dB)
Main Spe	cifications	Ratio(%)	1310nm	1490nm	1550nm	1310/1490/1550nm
In1	Out1 (Blue)	10	10.01	10.13	10.30	0.04
In1 →	Out2(Orange)	90	0.79	0.78	0.76	0.05
Return Loss Min.(dB)	50	Ope	rating Tem	perature(	C)	-20 to +70
Directivity Min .(dB)	55	Storage Temperature(℃)				-40 to +85
Pigtail Length(m)	1.0		Pigtail Ty	Ф0.9		
Package Dimension(mm)	60x3	QC \	Q (Conne	ector		SC/UPC
ALL datas were measured	at center wavelength.	PASS	PASS			
Checked by: 01	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A33 (1	ASS		Date: 202	22-6-15



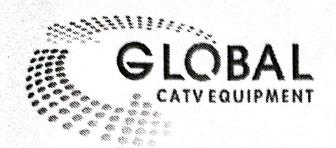
Model: FBT 1x2-SC/UPC

Package Dimension(mm)	Pigtail Length(m)	Directivity Min .(dB)	Return Loss Min.(dB)	ini —	ln1 →		Main Specifications	Fiber Type:	and Bandwidth:	Operating Wavelength
60x3	1.0	55	50	Out2(Orange)	Out1 (Blue)		fications	G652D	1310/1480/1330±40/1111	1310/1/00/1550+/055
	7	Sto	Ope	88	12	Ratio(%)	Required		In 1(White)-	
Connector	Pigtail Type(mm)	Storage Temp	rating Tem	0.88	9.30	1310nm			te)	
ctor	e(mm)	Temperature(℃)	Operating Temperature(°C)	0.87	9.40	1490nm	IL(dB)		S/N:XX	
		)	2)	0.81	9.89	1550nm				2 7
SC/UPC	Ф0.9	-40 to +85	-20 to +70	0.02	0.03	1310/1490/1550nm	PDL(dB)		Out1 (Blue) Out2 (Orange)	

ALL datas were measured at center wavelength. PASS PASS

Checked by: 01

Date: 2022-4-15



## Single Mode Double Window Coupler Test Data

P/N:Triple Window-1×2-1314

S/N:21071314850083

Fiber type: Corning SMF-28

Operating Wavelength: 1310/1490nm

Package Dimensions: 3×54mm

Fiber Length: 1m

Operating Temperature: -40~85℃

Connector: SC/UPC

Data tested:

	Output							
Items	1310	)nm	1490	)nm				
	orange	blue	orange	blue				
Coupling Ratio(%)	85	15	85	15				
Insertion Loss(dB)	0.75	8.40	0.75	8.55				
PDL(dB)	0.03	0.02	0.03	0.06				
Excess Loss(dB)	0.04		0.05					
Directivity(dB)	≥5	55	≥55					

Tested by: QC 03

Date: 2021-07-17



Model: FBT 1x2-SC/UPC

Operating Wavelength	4940/4/00/1650+40pm					Outl(Blue)
and Bandwidth:	1310/1430/1330±43/1111	In 1 (White)—	ite)——	S/N:xxx		Out2 (Orange)
Fiber Type:	SMF-28e G652D	1 28 6				
		Required		IL(dB)		PDL(dB)
Main Specifications	cincations	Ratio(%)	1310nm	1490nm	1550nm	1310/1490/1550nm
In1 →	Out1(Blue)	22	6.86	6.82	6.76	0.11
In1 ——→	Out2(Orange)	78	1.38	1.40	1.41	0.15
Return Loss Min.(dB)	50	Oper	Operating Temperature(℃)	perature(℃	(;	-20 to +70
Directivity Min .(dB)	55	Stor	Storage Temp	mperature(℃)	)	-40 to +85
Pigtail Length(m)	1.0	000	Pigtail Typ	「ype(mm)		Ф0.9
Package Dimension(mm)	60x3	- Commence	Connec	nector		SC/UPC
ALL datas were measured at center wavelength. ASS	t center wavelength. ASS	PASS				

Checked by: 04



Model: FBT 1x2-SC/UPC

Operating Wavelength and Bandwidth:  Fiber Type:  Main Specifications  In1 — Out1(I	1310/1490/1550±40nm G652D cifications Out1(Blue) Out2(Orange)	In 1 (White)  Required  Ratio(%) 13  70	10nm   1.86	S/N:XXX IL(dB) 1490nm 5.69	0u 1 0u 1 1550nm 5.62	Out1(Blue) Out2(Orange)  PDL(dB)  m 1310/1490/1550nm 0.10
Main Spec	cifications	Ratio(%)	1310nm	1490nm	1550nm	1310/14
In1 →	Out1(Blue)	30	- 5.50	5.69	5.62	0
ln1▶	Out2(Orange)	70	1.86	1.78	1.81	0
Return Loss Min.(dB)	50	Ope	Operating Tem	perature(°C)	3)	-20 to +70
Directivity Min .(dB)	55	Sto	rage Temp	Storage Temperature(で)	)	-40 to +85
Pigtail Length(m)	1.0	)	Pigtail Type(mm)	pe(mm)		Ф0.9
Package Dimension(mm)	60x3	Qc \	Q CConnector	ector		SC/UPC
ALL datas were measured at center wavelength.	at center wavelength.	PASS	PASS			
Checked by: 01			1			

Checked by: 01

Date: 2022-6-18



Model: FBT 1x2-SC/UPC

Operating Wavelength and Bandwidth: 1310/1490/1550±40nm						
		In 1 (Wh	ite)——	Out1(Blue) Out2(Orange)		
Fiber Type:	SMF-28e G652D					, , , , , , , , , , , , , , , , , , ,
Main Spec	cifications	Required		IL(dB)		PDL(dB)
Walli Oper	Cilications	Ratio(%)	1310nm	1490nm	1550nm	1310/1490/1550nm
In1 → →	Out1(Blue)	4	14.27	15.16	14.27	0.14
In1 ──→	Out2(Orange)	96	0.79	0.75	0.79	0.12
Return Loss Min.(dB)	50	Operating Temperature(℃)		-20 to +70		
Directivity Min .(dB)	55	Storage Temperature(℃)		-40 to +85		
Pigtail Length(m)	1.0		Pigtail Typ	e(mm)		Ф0.9
ackage Dimension(mm)	60x3 QC	( V )	Conne	ctor		SC/UPC

ALL datas were measured at center wavelength.

Checked by: 04

Date: 2022-11-11



Model: FBT 1x2-SC/UPC

Operating Wavelength 1310/1490/1550±40nm						Outl(Blue)
and Bandwidth:	1310/1490/133014011111	In 1 (Wh:	ite)	S/N:××	~ 1	Out1 (Blue) Out2 (Orange)
Fiber Type:	G652D	1 1	L			
Main One	alfinations.	Required	d .	IL(dB)		PDL(dB)
маіп әре	cifications	Ratio(%)	1310nm	1490nm	1550nm	1310/1490/1550nm
ln1 →	Out1(Blue)	50	3.68	3.64	3.60	0.08
In1	Out2(Orange)	50	3.54	3.58	3.62	0.13
Return Loss Min.(dB)	50	Ope	rating Tem	-20 to +70		
Directivity Min .(dB)	55	Sto	orage Tem	-40 to +85		
Pigtail Length(m)	1.0		Pigtail Ty	Ф0.9		
Package Dimension(mm)	60x3 QC	V QC	Conne	ector		SC/UPC

PASS

ALL datas were measured at center wavelength ASS

Checked by: 02

Date: 2022-11-7



### Single Mode Triple Window Coupler Test Data

P/N:Triple Window-1×2-131415

S/N:2103131415520027

Fiber type: Corning SMF-28

Operating Wavelength: 1310/1490/1550nm

Package Dimensions: 3×54mm

Fiber Length: 1m

Operating Temperature: -40~85℃

Connector: SC/UPC

### Data tested:

	Output								
Items	1310	)nm	1490	nm	1550	nm			
	orange	blue	orange	blue	orange	blue			
Coupling Ratio(%)	52	48	52	48	52	48			
Insertion Loss(dB)	3.19	3.75	3.24	3.74	3.12	3.74			
PDL(dB)	0.03	0.03	0.06	0.03	0.06	0.04			
Excess Loss(dB)	0.05		0.05		0.04				
Directivity(dB)	≥:	55	≥55		≥55				

Tested by: QC 03

Date: 2021-03-31