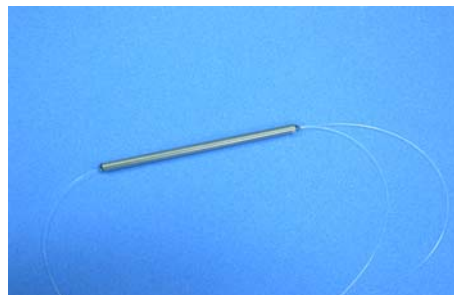


1x2 Single Mode Dual-Window Wideband Fused Splitter

Product Features

- Low Insertion Loss
- Low PDL
- Compact Package
- High Reliability (GR-1209,GR-1221 qualified)



Applications

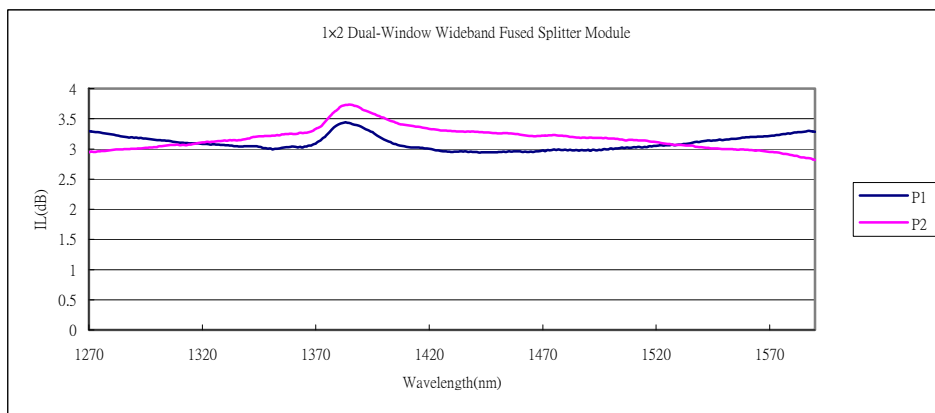
- PON Network
- CATV Network
- Power Distribution
- FTTx
- Test Equipment
- Telecommunication

Specifications		Splitting Ratio		50 : 50	
Grade		Premium		Standard	
Operating Wavelength	nm	1310±40 and 1550±40			
Operating Temperature	°C	-40~85 * ¹			
Insertion Loss (Max.) * ²	dB	3.6		3.9	
Uniformity (Max.)	dB	0.7		1.2	
PDL (Max.)	dB	0.15		0.2	
Return Loss (Min.)	dB	≥ 50			

*¹-20°C to 70°C for 0.9mm/2.0mm/3.0mm cable

*²Values are reference without connector loss ; ILmax add 0.3 dB per connector

*³Tail length tolerance would be 0~+10 cm



Split Ratio	Premium		Standard	
	ILmax(dB)	PDLmax(dB)	ILmax(dB)	PDLmax(dB)
50/50	3.6/3.6	0.15	3.9/3.9	0.2
55/45	3.3/3.9		3.4/4.5	
60/40	2.7/4.7		2.9/5.0	
65/35	2.2/5.0	0.2	2.5/5.7	0.2
70/30	1.9/6.0		2.1/6.4	
75/25	1.6/6.5	0.3	1.8/7.5	0.3
80/20	1.2/7.8		1.5/8.5	
85/15	1.0/8.8		1.2/10.6	
90/10	0.6/11.3		0.8/12.7	
95/05	0.4/15.2	0.35	0.5/18.9	0.35
97/03	0.4/18.2		0.4/19.5	
98/02	0.3/19.8		0.4/21.0	
99/01	0.3/23.5		0.4/24.0	

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Ordering Information

NFC-□-□□□-□□-□□□-□□-□□-□□-□□-□□-□□

Fiber Type

1 : corning SMF-28e

Structure

A02 : 1×2
B02 : 2×2

Operating Wavelength

35 : 1310 ± 40 & 1550 ± 40 nm

Coupling Ratio

ab = ab / (100 - ab)
01 : 01/99 05 : 05/95
10 : 10/90 20 : 20/80
50 : 50/50

Grade

P : premium grade
S : standard grade

Package

Q3 : Φ3×55mm (only for bare fiber)
Q4 : Φ4×70mm (only for 0.9mm tube)
M1 : 95×12×10mm (only for 0.9mm tube ,2.0 and 3.0mm PVC cable)

Tubing

B : bare fiber
L : 0.9mm loose tube
2 : 2.0mm PVC cable
3 : 3.0mm PVC cable

Tail Length

ab=a.b m
10=1.0 m 15=1.5 m

Connector

00=none		
FC=FC/PC	SA=SC/APC	FU=FC/UPC
FA=FC/APC	LC=LC/PC	LU=LC/UPC
SC=SC/PC	SU=SC/UPC	

Further specification required, please contact us.

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