

1x2 (2x2) Mini Splitter

Features

- Low insertion loss
- Low polarization sensitivity
- Excellent environmental reliability

Applications

- Fiber optical communication system
- LAN
- CATV
- Fiber sensor
- Measure instruments
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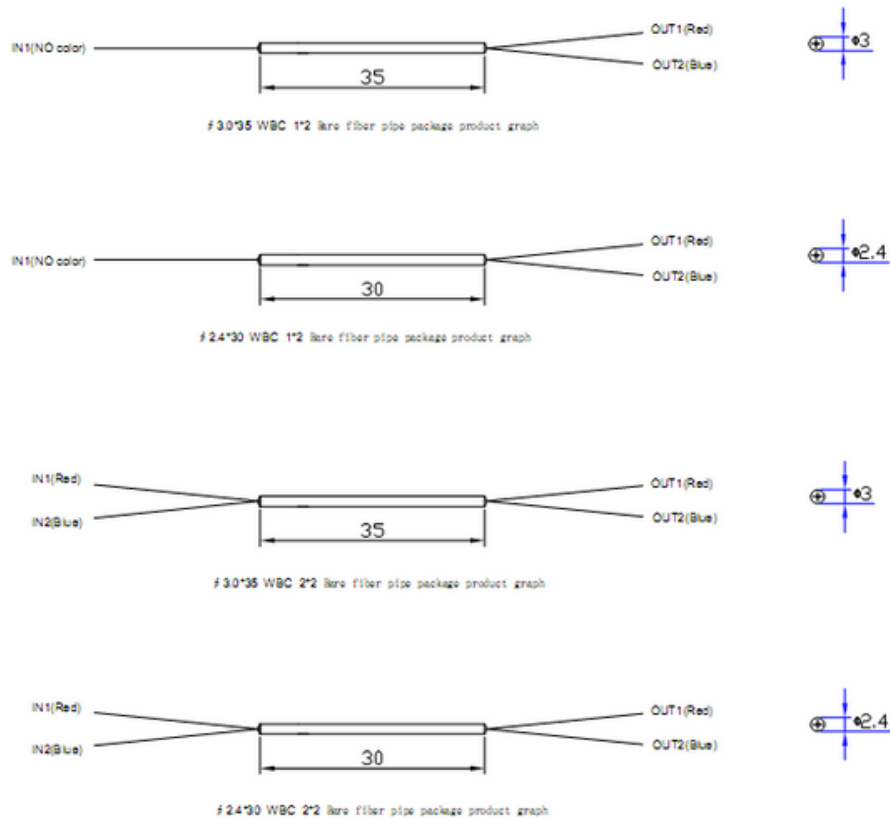
Specifications

Type		WBC-1X2(2X2)-S	WBC-1X2(2X2)-D	WBC-1X2-(2X2)T
Operating Wavelength	nm	1310 or 1550	1310 and 1550	1310and1490and1550
Bandwidth	nm	1310±40 、 1490±20 、 1550±40		
Excess Loss	dB	≤0.1		
Coupling Ratio		Max. Insertion Loss (dB)		
50/50		3.4	3.5	3.6
40/60		4.4/2.5	4.5/2.6	4.6/2.7
30/70		5.6/1.8	5.7./1.9	5.8/2.0
20/80		7.5/1.2	7.6/1.3	7.7/1.4
10/90		10.8/0.65	10.9/0.75	11.0/0.75
5/95		14.6/0.4	14.7/0.4	14.7/0.4
3/97		17.5/0.3	17.6/0.3	17.7/0.3
2/98		18.5/0.25	18.6/0.25	19/0.25
1/99		20.6/0.15	20.7/0.2	20.8/0.25
Polarization Dependent Loss	dB	≤0.1		
Directivity	dB	≥50		
Operation temperature	°C	250μm bare fiber		Loose tube
		-40 to +85		-20 to +70

Note : I/L not include connector loss. (0.2dB/connector)

Dimension

end of optical divide ratio of small end is marked with a blue, output end of optical divide ratio is marked as red large.



Ordering Information: WBC—1X2(2X2)—A—B—C—D—E—F—G—H—I

A	B	C	D	E	F	G	H	I
Mode	Grade	Wavelength	Package Spec	Coupling Ratio	Fiber Type	Fiber Diameter	Fiber Length	Connector
S:Single window	P:Grade P	13:1310nm	1 : Φ 3mm $\times$ 30mm	1/99	9: 9/125	25:250um	05:0.5m	OO:None
D: Dual window	X:Others	14: 1490nm	2 : Φ 3mm $\times$ 35mm	40/60	X: Others	90:900um	10:1.0m	FP: FC/PC
T:Three window		15: 1550nm	X: Others	50/50		20:2.0mm	15:1.5m	FA: FC/APC
		13/15:				30: 3.0mm	X:Others	SP: SC/PC
		1310/1550nm				X: Others		SA: SC/APC
		13/14/15						STP: ST/PC
		1310/1490/1550nm						STA: ST/APC
								LP: LC/PC
		X:Others						LA: LC/APC
								X: Others