

Multi Channel Splitter

Features

- Low insertion loss
- Low polarization loss
- Wide Bandwidth
- Excellent environmental reliability



Applications

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

Specifications

Type	WBC-1XN-S				WBC-1XN-D				(WBC-1XN-T)			
Operating Wavelength(nm)	1310 or 1550, others				1310 and 1550				1310 and1490 and 1550			
Bandwidth(nm)	1310±40 、 1490±20 、 1550±40±40											
Configuration	1×4	1×8	1×16	1×32	1×4	1×8	1×16	1×32	1×4	1×8	1×16	1×32
Max. Insertion Loss(dB)	6.8	10.2	13.6	17.0	7.0	10.7	14.5	17.8	7.0	10.7	14.5	17.8
Uniformity(dB)	≤1.2	≤1.8	≤2.4	≤3.0	≤1.6	≤2.4	≤3.2	≤4.0	≤1.6	≤2.4	≤3.2	≤4.0
PD L (dB)	≤0.2	≤0.3	≤0.4	≤0.5	≤0.2	≤0.3	≤0.4	≤0.5	≤0.2	≤0.3	≤0.4	≤0.5
Thermal Stability(dB)	≤0.2	≤0.3	≤0.4	≤0.5	≤0.2	≤0.3	≤0.4	≤0.5	≤0.2	≤0.3	≤0.4	≤0.5
Directivity(dB)	≥ 50											
Operation temperature(℃)	-20~+70											

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

Type	WBC-1XN-S				WBC-1XN-D				(WBC-1XN-T)			
Operating Wavelength(nm)	1310 or 1550, others				1310 and 1550				1310 and1490 and 1550			
Bandwidth(nm)	1310±40 、 1490±20 、 1550±40±40											
Configuration	1×5	1×7	1×9	1×11	1×5	1×7	1×9	1×11	1×5	1×7	1×9	1×11
Max.Insertion Loss(dB)	≤8.7	≤11.5	≤12.6	≤13.6	≤8.8	≤11.7	≤12.7	≤13.7	≤8.9	≤12	≤12.8	≤13.8
Uniformity(dB)	≤2.1	≤2.1	≤2.1	≤2.1	≤2.3	≤2.3	≤2.3	≤2.3	≤2.4	≤2.4	≤2.4	≤2.4
PD L (dB)	≤0.2	≤0.3	≤0.3	≤0.3	≤0.25	≤0.35	≤0.35	≤0.35	≤0.3	≤0.4	≤0.4	≤0.4
Thermal Stability(dB)	≤0.2	≤0.3	≤0.3	≤0.3	≤0.25	≤0.35	≤0.35	≤0.35	≤0.3	≤0.4	≤0.4	≤0.4
Directivity(dB)	≥ 50											
Operation temperature(℃)	-20~+70											

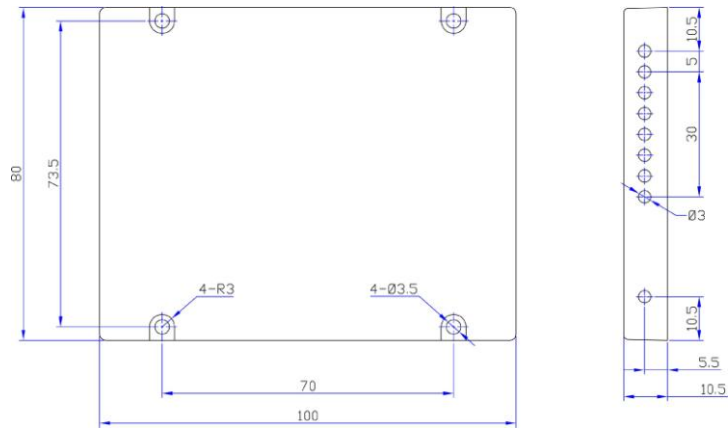
Note : I/L not include connector loss. (0.2dB/connector)

Type	WBC-1XN-S		WBC-1XN-D		(WBC-1XN-T)	
Operating Wavelength(nm)	1310 or 1550, others		1310 and 1550		1310 and1490 and 1550	
Bandwidth(nm)	1310±40 、 1490±20 、 1550±40±40					
Configuration	1×13	1×15	1×13	1×15	1×13	1×15
Max. Insertion Loss (dB)	≤15.2	≤15.2	≤15.4	≤15.4	≤15.5	≤15.5
Uniformity (dB)	≤2.1	≤2.1	≤2.3	≤2.3	≤2.4	≤2.4
PD L (dB)	≤0.3	≤0.3	≤0.35	≤0.35	≤0.4	≤0.4
Thermal Stability(dB)	≤0.3	≤0.3	≤0.35	≤0.35	≤0.4	≤0.4
Directivity(dB)	≥ 50					
Operation temperature(℃)	-20~+70					

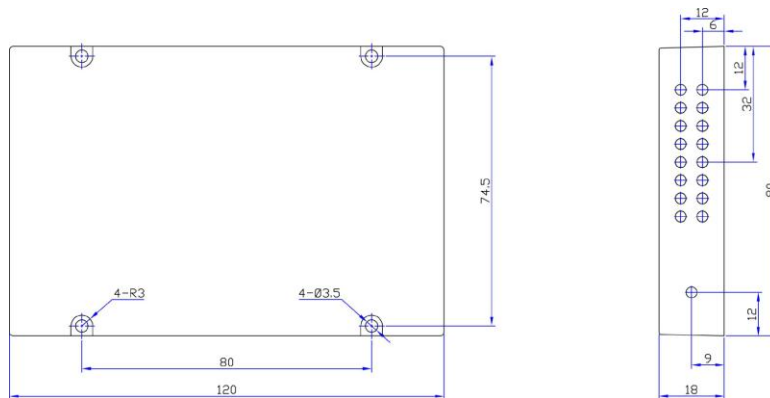
Note : I/L not include connector loss. (0.2dB/connector)

Dimension

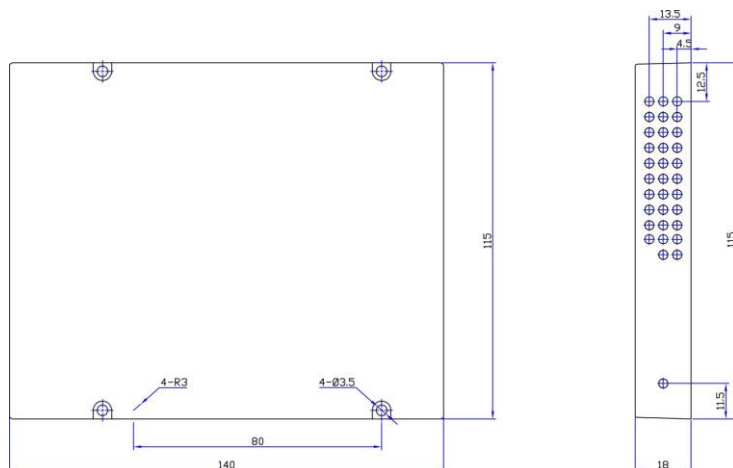
100×80×10.5mm(3<n<8)<p=""></n<8></p>



120×80×18mm(9<n<16)<p=""></n<16></p>



140×115×18mm(16<n<32)<p=""></n<32></p>



Ordering Information: WBC—1×N—A—B—C—D—E—F—G—H

N	A	B	C	D	E	F	G	H
Channel	Mode	Grade	Wavelength	Package Spec	Fiber Type	Fiber Diameter	Fiber Length	Connector
N= 4	S:Single window	A:Grade A	13:1310nm	1:100×80×10.5 mm	9: 9/125	25:250um	05:0.5m	OO:None
8	D: Dual window	X:Others	15:1550nm	2:120×80×18 mm	X: Others	90:900um	10:1.0m	FP: FC/PC
16	T:Three window		3/15:	3:140×115×18 mm		20:2.0mm	15:1.5m	FA: FC/APC
32			1310/1550nm	4:1U(435×250×45mm)		30:3.0mm	X:Others	SP: SC/PC
.....			13/14/15	X:Others		X:Others		SA: SC/APC
			1310/1490/1550nm					STP: ST/PC
			X:Others					STA: ST/APC
								LP: LC/PC
								LA: LC/APC
								X: Others