

Features

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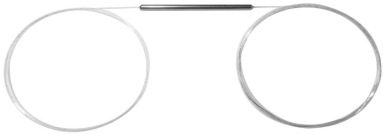
Low Excess Loss
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Uniform Power Splitting
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Rugged Package
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Excellent Environmental &
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Mechanical Stability



Applications

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Long-haul Telecommunications
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Digital, Hybrid and AM-Video
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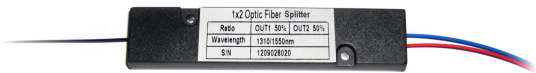
Systems
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CATV Systems
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High Speed LocalArea
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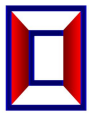
Networks
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Fiber Sensors



Performance Specifications

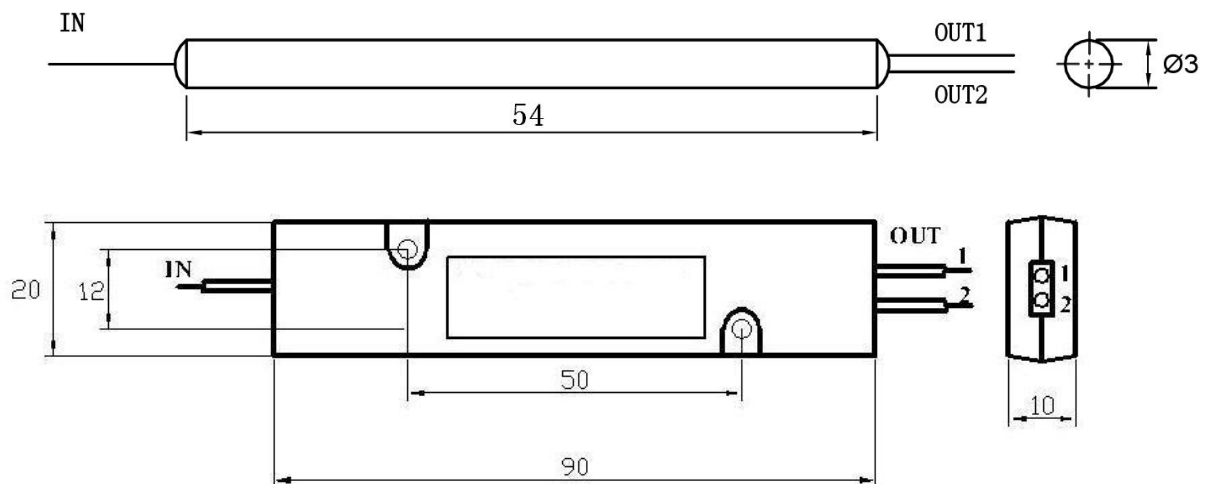
Type		WBC 2×2			
Operating Wavelength (nm)		1310 or 1550	1310&1550	850 or 1310	850&1310
Operating Bandwidth (nm)		±40			
Excess Loss(dB)		≤ 0.07		≤ 0.4	
Insertion Loss (dB)	50/50	≤3.4	≤3.6	≤3.7	≤4.0
	40/60	≤4.4/2.6	≤4.7/2.7	≤4.7/2.7	≤5.0/3.0
	33/67	≤5.3/2.1	≤5.7/2.2	≤5.7/2.2	≤6.2/2.5
	30/70	≤5.7/1.9	≤6.0/1.9	≤6.0/2.1	≤6.4/2.4
	20/80	≤7.6/1.3	≤7.9/1.3	≤7.8/1.4	≤8.2/1.7
	10/90	≤10.7/0.65	≤11.2/0.75	≤11.2/0.9	≤11.8/1.2
	5/95	≤13.8/0.4	≤14.2/0.4	≤14.5/0.7	≤15/1.0
	3/97	≤16.2/0.3	≤16.5/0.3	≤16.7/0.4	≤17/0.7
	2/98	≤18.1/0.25	≤18.5/0.3	≤18.6/0.6	≤19/0.65
	1/99	≤21.2/0.2	≤21.6/0.25	≤22/0.5	≤22.5/0.55

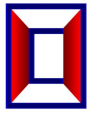


PDL (dB)	≤0.15	/
Directivity(dB)	≥55	≥35
Return Loss(dB)	≥50	≥30
Operation temperature (°C)	-10~+70	
Storage Temperature (°C)	-40~+85	
Port Configuration	2×2	
Pigtail and Connector Type		
Fiber Type	SM、9/125	MM(OM1,OM2,OM3)
Dimensions(mm)	Ø 3×54	

注：above specification are for device without connector

Package Size(Unit: mm)





Ordering information : HC-WBC-2×2-A-B-C-D-E-F-G-H

A	B	C	D	E	F	G	H
Mode	Wavelength	Package size	Coupling Ratio	Fiber Type	Fiber Diameter	Fiber length	Connector
SM: simple mode MM: Muiti Mode	85: 850nm 13: 1310nm 15: 1550nm 85/13:850/1310nm 13/15:1310/1550nm X:Others	1: ∅ 3x54mm 2:90×20×10mm 3:100×80×10mm 4:120×80×18mm 5:140×115×18mm X: Others	0=50/50 1=45/55 2=40/60 3=35/65 4=30/70 5=25/75 6=20/80 7=15/85 8=10/90 9=05/95 X=Others	SM: 9/125 M1: MM 0M1: (62.5/125) M2: MM 0M2 M3: MM 0M3 X: Others	25:250um 90:900um 20:2.0mm 30: 3.0mm X: Others	05:0.5m 10:1.0m 15:1.5m X:Others	OO: None FP: FC/PC FA: FC/APC SP: SC/PC SA:SC/APC LP: LC/PC LA: LC/APC X: Others