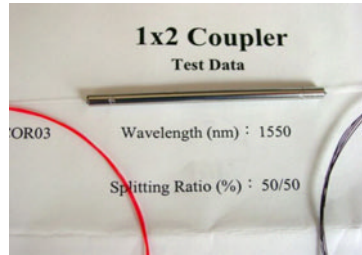
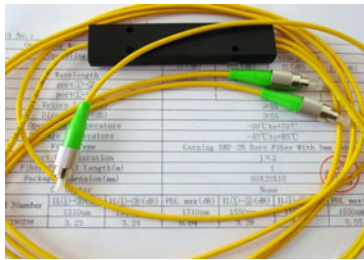


**Singlemode Wideband splitter**



**Features**

- Low Excess Loss
- Various Coupling Ratio
- Compact Size

**Applications**

- Long-haul Telecommunications
- CATV Systems & Fiberoptical Sensors
- Local Area Network

**Specifications**

Coupling Ratio(%)	50:50 to 1:99
Directivity (dB)	≥55
Temperature Coefficient(Max.)(dB/°C)	0.002
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-40~+85
Port Configuration	1X2 or 2X2
Package Dimension (mm)	A,B,C,D,M,G

**Singlemode Wideband splitter**

Grade	P	A
Coupling Ratio (%)	50/50	50/50
Excess Loss (Typ.) (dB)	0.1	0.15
Max. Insertion Loss (dB)	3.4	3.5
PDL (dB)	0.1	0.15
Operating Wavelength (nm)	1310±40,1550±40,1480±40 or Custom Wavelength	

**Coupling Ratio/Insertion Loss Conversion Chart**

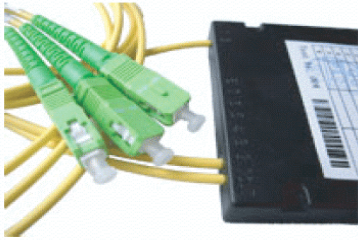
Coupling Ratio	Insertion Loss(P)	Insertion Loss(A)
40/60	4.4/2.5	4.5/2.6
30/70	5.7/1.8	5.8/1.8
20/80	7.6/1.15	7.7/1.2
10/90	11/0.63	11.2/0.69
05/95	14/0.36	14.2/0.42
02/98	17.6/0.25	17.7/0.31
01/99	21/0.20	21.2/0.26

**Package Dimensions & Pigtail Style**

- Package A:  
3mm X 50mm Stainless steel tube,250um bare fiber
- Package B:  
3mm X 54mm Stainless steel tube,250um bare fiber
- Package C:  
3mm X 60mm Stainless steel tube, 900um loose cable
- Package D:  
90mm X 20mm X 9.5mm Plastic case,3mm,2mm or 900um loose cable
- Package M:  
3mm X 35mm Stainless steel tube,250um bare fiber
- Package K:  
5mm X 70mm Stainless steel tube,2mm cable

**For detailed inquiry please contact our sales team at: [sales@huihongfiber.com](mailto:sales@huihongfiber.com) .**

**Singlemode Tree and Star splitters**



**Features**

- Low Insertion Loss
- Uniform Power Splitting
- Excellent Environmental & Mechanical Stability

**Applications**

- Long-Haul Telecommunications
- Digital,Hybrid and AM-Video Systems CATV Systems
- High Speed Local Area Networks
- Fiber Sensors

**Specifications**

- Directivity(dB) >55
- Operating Temperature(°C) -20~+70
- Storage Temperature(°C) -40~+85
- Fiber Pigtail Length(m) 1 or Customer On Request
- Port Configuration 1X4 to 32X32

**Singlemode Single Window Wideband Tree/Star splitters**

Port Configuration	1X4(4X4)	1X8(8X8)	1X16(16X16)	1X32(32X32)
Max.Insertion Loss (dB)	6.9	10.3	13.8	17.2
Uniformity(Max.) (dB)	0.7	1.5	1.8	2.2
Operating Wavelength (nm)	1310±40,1550±40,1585±40,or custom wavelength			

**Singlemode Dual/Three Window Tree/Star splitters**

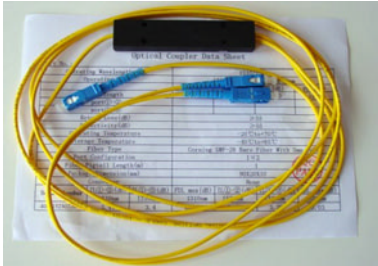
Port Configuration	1X4(4X4)	1X8(8X8)	1X16(16X16)	1X32(32X32)
Max.Insertion Loss (dB)	7.2	10.8	14.4	17.8
Uniformity(Max.) (dB)	0.8	1.7	2	2.5
Operating Wavelength (nm)	1310/1550±40, 1310/1490/1550±40 or Custom wavelength			

**Package Dimensions & Pigtail Style**

- Package D:  
90mm X 20mm X 9.5 Plastic case, 3mm, 2mm or 900um loose cable
- Package E:  
100mm X 80mm X 10mm Plastic case , 3mm, 2mm or 900um loose cable
- Package F:  
141mm X 115mm X 18mm Plastic case, 3mm, 2mm or 900um loose cable
- Package U:  
19 inch rack,adaptor

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**Singlemode Dual/Three Window splitters**



**Features**

- Low Insertion Loss
- Various Coupling Ratio
- Compact Size

**Application**

- Long-Haul Telecommunications
- CATV Systems & Fiber Sensors
- Local Area Network

**Specifications**

**Singlemode Dual/Three Window Wideband splitters**

Grade	P	A	
Excess Loss(Typ.)(dB)		0.1	0.15
Max. Insertion Loss(dB)		3.6	3.8
Uniformity(dB)		0.7	1
Polarization Sensitivity(dB)		0.1	0.15
Operating Wavelength(nm)	1310/1550±40,1310/1585±40,1310/1490/1550±40 or custom wavelength		
Directivity(dB)	≥55		
Operating Temperature(°C)	-20~+70		
Storage Temperature(°C)	-40~+85		
Port Configuration	1X2 or 2X2		
Package Dimension(mm)	A ,B,C,D,M,G		

**Coupling Ratio/ Insertion Loss Conversion Chart**

Coupling Ratio	Insertion Loss(P)	Insertion Loss(A)
40/60	4.7/2.7	5.0/2.9
30/70	6.0/1.9	6.4/2.1
20/80	7.9/1.2	8.5/1.4
10/90	11.3/0.6	12.7/0.8
05/95	14.0/0.45	17.5/0.5
01/99	19~21/0.1~0.2	21.5/0.25

**Package Dimensions & Pigtail Style**

Package A:

3mm X 50mm Stainless steel tube,250um bare fiber

Package B

3mm X 54mm Stainless steel tube, 250um bare fiber or 900um loose cable

Package C

3mm X 60mm Stainless steel tube, 250um bare fiber or 900um loose cable

Package D

90mm X 20mm X 9.5mm Plastic case, 3mm,2mm or 900um loose cable

Package M

3mm X 35mm Stainless steel tube,250um bare fiber

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