

# FibreRS optical box splitter

Fibre Integrated Reception System



- 2,3,4,8,16 and 32 way versions available
- Dual window (1310nm and 1550nm)
- Direct connection of fibre patch cables



Designed to enable quick and easy connection of pre terminated fibre cables. Various split outputs available to achieve the desired PON (Passive Optical Network) split ratio.



Product Part No.	
2 way optical box splitter	F700336
3 way optical box splitter	F700337
4 way optical box splitter	F700338
8 way optical box splitter	F700339
16 way optical box splitter	F700414
32 way optical box splitter	F700415

## Technical Specifications

Common specifications			
Parameter	Min	Max	Notes
Operating wavelength (nm)	1310	1550	±40
Thermal stability (dB)	≤0.2		
Directivity (dB)	≥50		

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**global invacom**  
completing the picture

2 Way			
Parameter	Typ	Max	Notes
Insertion loss (dB)	3.65	4.0	

3 Way			
Insertion loss (dB)	5.68	6.13	

4 Way			
Insertion loss (dB)	6.87	7.32	

8 Way			
Insertion loss (dB)	10.1	10.5	

16 Way			
Insertion loss (dB)	13.3	13.8	

32 Way			
Insertion loss (dB)	16.8	17.2	

Environmental specification	
Operating temperature	-40 to 75°C

Connectors	
Input / Output	FC/PC

Dimensions	
Size (2 way)	148 x 115 x 21 mm
3 way	148 x 115 x 21 mm
4 way	148 x 115 x 21 mm
8 way	148 x 115 x 21 mm
16 way	148 x 176 x 51 mm
32 way	155 x 176 x 51 mm

**Global Invacom will only support systems that are installed using**

**GI - approved fibre cabling & system components**

Note: Specifications subject to change without notice

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