

## 1XN

Parameters			Type		1x2	1x4	1x8	1x16	1x32	1x64
Insertion Loss (dB) <sup>1,2,3,4</sup>	without connector	Max	4.0	7.4	10.7	13.7	16.9	21.0		
	with connector	Max	4.5	7.7	11.2	14.2	17.5	21.5		
PDL (dB) <sup>1,2,3</sup>		Max	0.2	0.2	0.2	0.3	0.3	0.3	0.3	
Uniformity (dB) <sup>1,2,3</sup>		Max	0.6	0.6	0.8	1.0	1.3	1.8		
Operating Wavelength (nm)			1260~1650							
Return Loss (dB) <sup>1,2,3</sup>	without connector	Min	55							
	with connector	Min	APC:55, UPC:50							
Directivity (dB)		Min	55							
Package Size (mm)	L		60	60	60	60	80	100		
	W		7	7	7	12	20	40		
	H		4	4	4	4	6	6		
Operating/ Storage Temperature (°C)			-40 to 85							
Operating /Storage humidity (%RH)			5 to 95							
Fiber Type			ITU-T G657A1 Compliant or customer specified							
Tube Type			900um loose tube							
Fiber Length(mm)			1000+/-50 or customer specified							
Connector Type			customer specified							

## 2XN

Parameters			Type		2x2	2x4	2x8	2x16	2x32	2x64
Insertion Loss (dB) <sup>1,2,3,4</sup>	without connector	Max	4.2	7.8	11.5	14.5	17.7	21.4		
	with connector	Max	4.7	8.3	12.0	15.0	18.2	21.9		
PDL (dB) <sup>1,2,3</sup>		Max	0.2	0.2	0.3	0.3	0.3	0.4		
Uniformity (dB) <sup>1,2,3</sup>		Max	0.8	1.5	1.5	1.8	2.0	2.5		
Operating Wavelength (nm)			1260~1650							
Return Loss (dB) <sup>1,2,3</sup>	without connector	Min	55							
	with connector	Min	APC:55, UPC:50							
Directivity (dB)		Min	55							
Package Size (mm)	L		60	60	80	80	100	100		
	W		7	7	12	12	20	40		
	H		4	4	5	5	6	6		
Operating/ Storage			-40 to 85							



BLOCKLESS  
PLC SPLITTER  
SPECIFICATION

Fiberon Technologies, Inc.

Email: [Sales@fiberon.com](mailto:Sales@fiberon.com)

<http://www.fiberon.com>

Temperature (°C)		
Operating /Storage humidity (%RH)		5 to 95
Fiber Type		ITU-T G657A1 Compliant or customer specified
Tube Type		900um loose tube
Fiber Length(mm)		1000+/-50 or customer specified
Connector Type		customer specified

Note:

1. Measured at room temperature
2. Measured at 1310 and 1550nm
3. Including PDL
4. Telcordia GR-1209 and GR-1221 qualified