

# 1xN & 2xN PM PLC Splitter

## 1 X N Specifications:

Parameters		1x2	1x3	1x4	1x6	1x8	1x12	1x16	1x24	1x32	1x64	
Operating Wavelength (nm)	-	1310 or 1550										
Insertion Loss <sup>1,2,3,4</sup> (dB)	Max	3.9	6.2	7.2	9.4	10.4	12.6	13.7	15.8	16.8	21	
Loss Uniformity <sup>1,2,3,4</sup> (dB)	Max	0.4	0.5	0.6	0.6	0.8	0.8	1.2	1.1	1.5	2.5	
Return Loss <sup>1,2</sup> (dB)	Min	55										
PDL <sup>1,2</sup> (dB)	Max	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
PER	Min	20	20	20	20	18	18	18	18	18	16	
Directivity (dB)	Min	55										
Connector Type	-	FC/APC、FC/PC、SC/APC、SC/PC、LC/APC、LC/PC etc.										
Pigtail Length (m)	-	0.5、1.0、1.5 or Customer Requirement										
Fiber Type	-	SM15/13-PS-U25 Fujikura or YOFC&CORNING										
Operating Temperature (°C)	-	-5 to +70										
Storage Temperature (°C)	-	-40 to +85										
Packaging Size <sup>5</sup> (L x W x H, mm)	-	40x4x4				50x7x4				60x12x4		
Packaging Size <sup>6</sup> (L x W x H, mm)	-	60x7x4				60x12x4		80x20x6		100x40x6		

## 2 X N Specifications:

Parameters		2x2	2x4	2x8	2x16	2x32
Operating Wavelength (nm)	-	1310 or 1550				
Insertion Loss <sup>1,2,3,4</sup> (dB)	Max	4.2	7.8	11.2	14.2	17.3
Loss Uniformity <sup>1,2,3,4</sup> (dB)	Max	0.6	1.2	1.4	1.8	2.0
PDL <sup>1,2</sup> (dB)	Max	0.1	0.1	0.1	0.1	0.1
PER	Min	20	20	18	18	16
Return Loss <sup>1,2</sup> (dB)	Min	55				
Directivity (dB)	Min	55				
Pigtail Length (m)	-	0.5、1.0、1.5 or Customer Requirement				
Fiber Type	-	SM15/13-PS-U25 Fujikura or YOFC&CORNING				
Operating Temperature (°C)	-	-5 to +70				
Storage Temperature (°C)	-	-40 to +85				
Packaging Size <sup>5</sup> (L x W x H, mm)	-	40x4x4	50x7x4	60x7x4		
Packaging Size <sup>6</sup> (L x W x H, mm)	-	60x7x4		60x12x4	80x20x6	

- 1: Measured at room temperature
- 2: Measured at 1310nm & 1550nm
- 3: Including PDL
- 4: Excluding connector loss, TDL and WDL
- 5: 250um fiber type (In: Bare / Out: Ribbon)
- 6: 900um fiber type (all port separated 900um)

