

Planar Lightwave Circuit (PLC) Splitter

Features:

Low Excess Loss
 Wide Operating Temperature Range
 Excellent Uniformity
 Low PDL
 Telcordia GR-1221-Core Compliant

Applications:

FTTH Networks
 CATV Networks
 Optical Test Equipment



Specification:

Parameter	Unit	Value			
Operating Wavelength	nm	1310 and 1550			
Operating Bandwidth	nm	± 40			
Coupling Ratio	nm	Nx4, N=1,2,4	Nx8, N=1,2,8	Nx16, N=1,2,16	Nx32, N=1,2,32
Excess Loss	dB	<0.3	<0.4	<0.6	<0.8
Insertion Loss	dB	<7.0	<10.5	<14.0	<17.8
PDL	dB	<0.25	<0.35	<0.45	<0.55
Directivity	dB	>55			
Operating Temperature	°C	-40 - 85			
Storage Temperature	°C	-40 - 85			
Fiber Type		900um loose tube, tight buffer, 3mm cable			
Mechanical Dimension	mm	100x80x10	100x80x10	125x96x16	130x100x18

Ordering Information:

CM	Wavelength	Number of Splits	Cable Diameter	Fiber Length	Connector	Package	Running Numbers
53	-	-	-	-	-	-	000
	1310nm	04: 1x4	09: 900um loose tube	1: 1 Meter	00: No Conn	C: Cassette	
	1550nm	08: 1x8	T9: 900um tight buffer	C: Custom	FA: FC/APC	L: LGX	
		16: 1x16	30: 3mm		FU: FC/UPC	O: Others	
		32: 1x32			SA: SC/APC		
					SU: SC/UPC		
					LU: LC/UPC		