

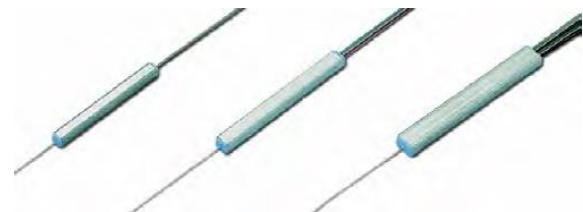
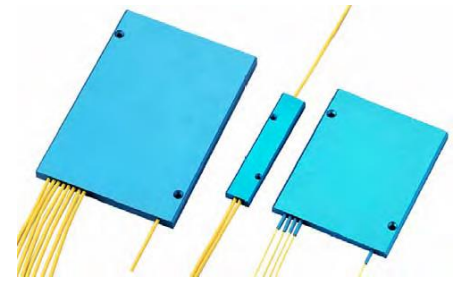
Fibre Optic Patch Leads

Fibre Optic Couplers/Splitters

Product Code: FOPLCSPL

Feature

- Low excess loss and high performance
- PCB mountable
- Excellent uniformity
- Low polarization dependent loss
- Coupling Ratio of 50:50 or customer ordered



Specifications (FBT)

Model	SMFOC0102	SMFOC0104	SMFOC0108
Configuration	1x2	1x4	1x8
Wavelength(nm)	1310 or 1550 (±10nm: Std., ±40nm: Wide)		
Typical excess loss (dB)	0.07	0.3	0.5
Max, Insertion loss (dB)	3.4	6.8	10
Uniformity (dB)	≤0.6	≤0.8	≤1.2
Directivity (dB)	>55		
Dimension (mm)	Bare (250 μm)	∅ 3.0 x 54	∅ 3.05 x 60
	Loose tube (0.9mm)	∅ 3.0 x 70	
	Cord (2.5mm), L x W x H	85 x 17.5 x 7.5	36 x 96 x 9.6

Specifications (PLC)

Parameter	Unit	Specification				
		Spec	1x4	1x8	1x16	1x32
Wavelength	nm	1260 - 1600				
1* N Insertion Loss	dB	<0.8+3.4log ₂ (N)	<7.6	<11	<14.4	<17.8
1*N Uniformity Max	dB	<0.6log ₂ (N)	<1.0	<1.2	<1.5	<1.9
Directivity	dB	>55				
Return loss	dB	>55				
PDL Max	dB	<0.1[1+log ₂ (n)	<0.3	<0.3	<0.3	<0.3
PMD	ps	<0.1[1+log ₂ (n)				

Ordering Information

NWCC - - - - - - - - - / - -

Fibre Type	Configuration	Wave Length	Coupling Ratio	Cord Dia (mm)	Cord Length	Package	Conector Type/ End Shape (A&B)		Grade	Bandwidth
SM: 9/125 HM: 50/125 HMM: 62.5/125	0102: 1x2 0104: 1x4 0108: 1x8	A: 1310nm B: 1550nm C: 1310nm & 1550nm	U: Uniform output S: Specified from customer	09: 0.9 30: 3.0	1 – 99m	C: Cylinder A: Aluminium case	S: SC F: FC T: ST L: LC M: MU N: None	S: SPC U: UPC A: APC	P: Premium S: Standard E: Economic	S: Standard W: Wide