

Tree and Star Single Mode Wide Band Fused Coupler Module

Features

- Low Excess Loss & Low IL
- Low PDL
- Broad Operating Band
- High Stability and Reliability

Application

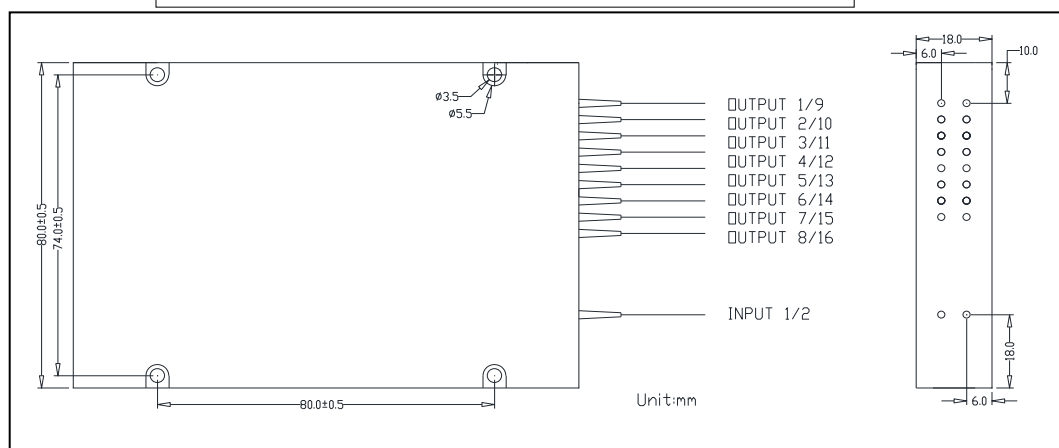
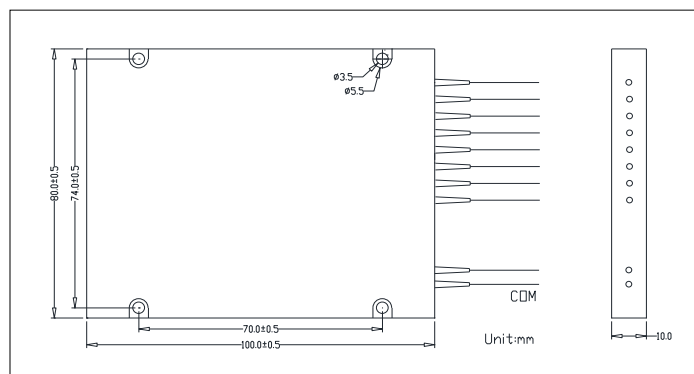
- Optical Communication Systems
- FTTH
- CATV
- LAN Network



Specifications

Parameters		Unit	1x4	Nx6	Nx8	Nx12	Nx16	Nx24	Nx32
			N=1, 2	N=1,2	N=1,2	N=1,2	N=1, 2	N=1, 2	N=1, 2
Operating Wavelength		nm	1310 or 1550						
Operating Bandwidth		nm	±40						
Insertion Loss	Grade P	dB	≤6.9	≤9.0	≤10.4	≤12.4	≤13.8	≤15.8	≤17.4
	Grade A	dB	≤7.3	≤9.6	≤11.0	≤13.2	≤14.6	≤16.8	≤18.4
Excess Loss		dB	≤0.4	≤0.5	≤0.6	≤0.8	≤0.8	≤1.0	≤1.2
PDL		dB	≤0.25	≤0.35	≤0.35	≤0.45	≤0.45	≤0.55	≤0.55
Dimensions	ABS Box	mm	100x80x10			120x80x18		140x114x18	
	Rack	mm	LGX1U (130x127x29) LGX 2U (130x127x58)			19" 1U box (482.6x278x44) 19" 2U box(482.6×278×88)			
Fiber Length		-	1 meter, others on request						
Fiber Type		-	SMF-28e						
Pigtail Type		-	250μm, 900μm, 2mm, 3mm Loose Tube						
Return Loss		dB	≥50						
Directivity		dB	≥50						
Operating Temperature		℃	-20 ~ +70						
Storage Temperature		℃	-40 ~ +85						

Package Information





①	Type	TW=Wide Band;
②	Grade	P=Grade P; A=Grade A;
③	Port Type	1x4; 1x6; ...; 1x32; 2x4; 2x6; ...; 2x32;
④	Wavelength	1310; 1550;
⑤	Coupling Ratio	EVEN;
⑥	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube; 2mm=2mm Cable; 3mm=3mm Cable;
⑦	Fiber Type	1=SMF-28e;
⑧	Length	1=1m; X=Other;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC;
⑩	Package	100x80x10; 120x80x18; 140X114X18; LGX 1U; LGX 2U; 1U; 2U;