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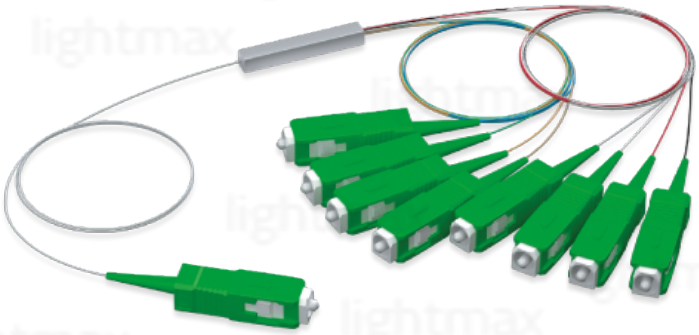
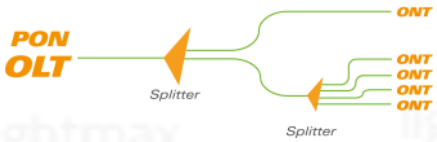
THE FIBRE OPTIC BRAND
REL 1- EN - JUN22

Optical Fibre Splitter

PLC Optical Splitter Tube with SC/A connectors SM G.652D - fibre (also G.657.A2 on request) 1 X 2~64 SM (900µm)



[Pictures only for reference purposes]



PLC (Planar Lightwave Circuits) splitters are developed using silica glass waveguide circuits and aligned fibre pigtails, integrated inside a miniature package. PLC splitters provide low-cost solution for optical signal distribution.

Features:

- Good durability.
- Good exchangeability.
- High temperature stability.
- Low insertion loss.
- Environmentally stable.
- Available in 1*N configuration.

Applications:

- FTTX systems.
- LAN,WAN and Metro Networks.
- Analog/Digital Passive Optical Networks.
- CATV networks.
- Test Equipment.
- Other applications in fibre optic systems.

SPECIFICATIONS(*)							
			1 x 2	1 x 4	1 x 8	1 x 16	1 x 32	1 x 64
Operating wavelength		nm	1260 ~ 1660					
Fibre Type		–	G.652.D or G657A under requested					
Insertion Loss		dB	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0
Loss Uniformity		dB	0.4	0.6	0.8	1.2	1.5	2.0
Polarization Dependent Loss		dB	0.2	0.2	0.2	0.25	0.3	0.35
Return Loss		dB	55/50	55/50	55/50	55/50	55/50	55/50
Directionality		dB	55	55	55	55	55	55
Wavelength Dependent Loss		dB	0.3	0.3	0.3	0.5	0.5	0.5
Temperature Stability (-40°~85°)		dB	0.4	0.4	0.4	0.5	0.5	0.5
Package	Dimensions	mm	40 x 4 x 4			50 x 4 x 4	50 x 7 x 4	60 x 12 x 4
	Material	–	Stainless steel					
Operating Temperature		°C	-40 ~ 85					
Storage Temperature			-40 ~ 85					
Connector Type(**)		–	SC/APC					
Standards								
							GR-1209-CORE	
							GR-1221-CORE	
							RoHS	

- (*)Specifications for PLC Optical Splitter without fibre optic connectors.
- (**)Each connector will add a 0.15 dB loss.

REMARK: Parameters not include fibre loss

Part Numbers		
SPT1X2SMSCASCA	SPT1X3SMSCASCA	SPT1X4SMSCASCA
SPT1X8SMSCASCA	SPT1X16SMSCASCA	SPT1X32SMSCASCA

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