

FIBER OPTIC PLC SPLITTERS

The PLC Splitter is one of the most important passive devices in the optical fiber link. It is an optical fiber tandem device with many in and output terminals, especially applicable to a passive optical network (EPON, GPON, BPON, FTTX, FTTH, etc) to connect the MDF and the terminal equipment.

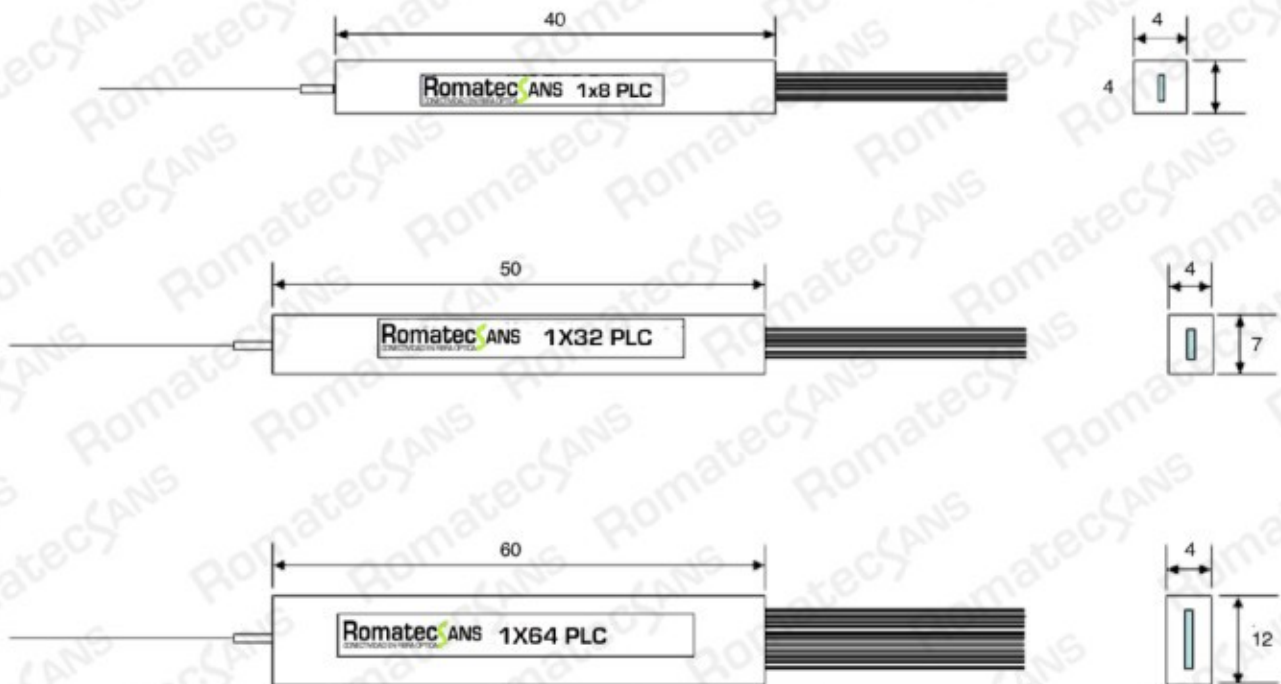


Without Connector												
Number of Channels	1x2	1x4	1x8	1x16	1x32	1x64	2x2	2x4	2x8	2x16	2x32	2x64
Operating Wavelength	1260 ~ 1650											
P Level Insertion Loss	3.8	7.2	10.3	13.5	16.8	20.1	4.2	7.4	10.6	13.9	17.2	20.5
S Level Insertion Loss	4	7.4	10.5	13.8	17.1	20.5	4.4	7.7	11	14.8	17.9	21.5
Uniformity	0.4	0.6	0.8	1	1.2	1.6	0,8	1	1.2	1.5	1.8	2
PDL	0.2	0.3		0.5			0.3		0.5			
Return Loss	More than 55dB											
Directivity	More than 55dB											
Fiber type	G.657A1											
Operating Temperature	-40 ~ +85°C											
Pigtail length	Customized											

TECHNICAL SPECIFICATION

With Connector												
Number of Channels	1x2	1x4	1x8	1x16	1x32	1x64	2x2	2x4	2x8	2x16	2x32	2x64
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Technical Drawings



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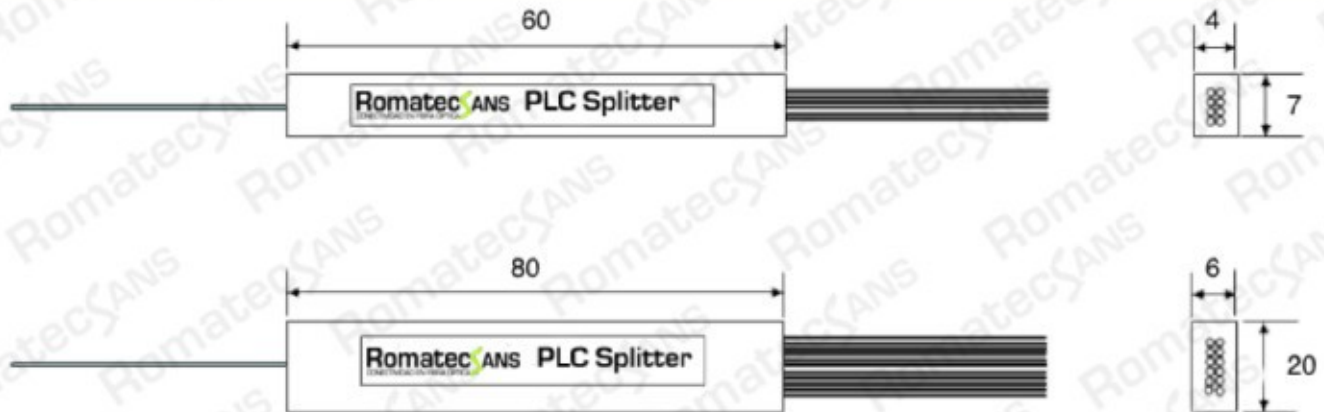
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Technical Drawings



ORDERING INFORMATION

Type	Fibre type		Tails A	Out A	Pol. A		Length (M)	Diameter A	
ABS	01	G.652B	1	FC	A	APC	0.25	A	250um
FBT	02	G.652D	2	E2000	U	UPC	0.5	B	900um
PLC	655	G.655		LC			1	C	1.2mm
	7A1	G.657A1		MU			1.5	D	2mm
	7A2	G.657A2		SC			2	E	3mm
	7B3	G.657B3		ST			2.5		
	M1	OM1							
	M2	OM2							
	M3	OM3							
M4	OM4								

Tails B	Out B	Pol. B		Length (M)	Diameter B		Jacket		Color	
2	FC	A	APC	0.25	A	250um	L	LSZH	12	12 Colors
4	E2000	U	UPC	0.5	B	900um	P	PVC	A	Aqua
8	LC			1	C	1.2mm			O	Orange
16	MU			1.5	D	2mm			W	White
32	SC			2	E	3mm			Y	Yellow
64	ST			2.5						

ORDERING INFORMATION EXAMPLE

PLC	7A1	2	SC	A	1	B
32			1	B	L	12

Configuration: PLC Splitter G.657A1 1x32 SC/APC to No Con. 1mt tails 900um LSZH 12 Colors

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