



PLCs & Splitters



Product Description:

UNISOL™ PLC Splitter is a type of optical power management device that is fabricated using silica optical Waveguide technology. They are designed for FTTx Passive Optical Networks, CWDM, DWDM and optical cable TV System. We supply the PLC splitters including 1XN to 64 and 2XN to 64 types, they are with a wide range of working wavelength from 1260nm to 1620nm

Product Features:

- Wide operating wavelength.
- Excellent uniformity.
- Low insertion loss (IL) and polarization dependent loss (PDL).
- High specification connectors and compact package..
- High mechanical reliability.
- High back reflection.
- Deliver high performance.

1×N PLC Splitter

Type		1x2	1x4	1x8	1x16	1x32	1x64
Fiber Type		G657.A/G652.D					
Operating Wavelength(nm)		1260 to 1650nm					
Insertion Loss(dB)	Max(w/connector)	4.2	7.5	11	14	17.4	20.5
Uniformity Loss(dB)	Max	0.6	0.6	0.8	1.2	1.5	1.8
Polariation Dependent Loss(dB)	Max	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss (dB)		UPC>=50 APC>=5					
Operating Temperature (°C)		-40 to +85					

Customized fiber optic patch panels are available via special order. Contact us.

For enquiry Please Contact : 080-64541113 or info@unisolcommunications.com

**Specifications****Optical Specification:**

2×N PLC Splitter							
Type		2x2	2x4	2x8	2x16	2x32	2x64
Fiber Type	G657.A/G652.D						
Operating Wavelength(nm)	1260 to 1650nm						
Insertion Loss(dB)	Max(w/connector)	4.4	7.8	10.9	14.3	17.2	20.5
Uniformity Loss(dB)	Max	0.4	0.8	0.8	1	1.5	1.8
Polarisation Dependent Loss(dB)	Max	0.2	0.2	0.2	0.3	0.3	0.4
Return Loss (dB)	UPC>=50 APC>=5						
Operating Temperature (°C)	-40 to +85						

Mechanical Specifications:

1×N PLC Splitter							
TYPE		1x2	1x4	1x8	1x16	1x32	1x64
Package Type 1	Material	Stainless Steel					
	Dimension (LxWxH mm)	60x7x4		60x12x5	80x20x6	100x40x6	
Package Type 2	Material	ABS					
	Dimension (LxWxH mm)	100x80x10		120x80x18		130x80x30	

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Ordering Information

Description	Part no.
UNISOL 1*2 PLC ABS SC APC	UCPL-PLC-ABS-SC-APC-1*2
UNISOL 1*4 PLC ABS SC APC	UCPL-PLC-ABS-SC-APC-1*4
UNISOL 1*8 PLC ABS SC APC	UCPL-PLC-ABS-SC-APC-1*8
UNISOL 1*16 PLC ABS SC APC	UCPL-PLC-ABS-SC-APC-1*16
UNISOL 1*32 PLC ABS SC APC	UCPL-PLC-ABS-SC-APC-1*32
UNISOL 1*2 PLC ABS SC PC	UCPL-PLC-ABS-SC-PC-1*2
UNISOL 1*4 PLC ABS SC PC	UCPL-PLC-ABS-SC-PC-1*4
UNISOL 1*8 PLC ABS SC PC	UCPL-PLC-ABS-SC-PC-1*8
UNISOL 1*16 PLC ABS SC PC	UCPL-PLC-ABS-SC-PC-1*16
UNISOL 1*32 PLC ABS SC PC	UCPL-PLC-ABS-SC-PC-1*32
UNISOL 1*2 PLC MINI SC APC	UCPL-PLC-MINI-SC-APC-1*2
UNISOL 1*4 PLC MINI SC APC	UCPL-PLC-MINI-SC-APC-1*4
UNISOL 1*8 PLC MINI SC APC	UCPL-PLC-MINI-SC-APC-1*8
UNISOL 1*16 PLC MINI SC APC	UCPL-PLC-MINI-SC-APC-1*16
UNISOL 1*32 PLC MINI SC APC	UCPL-PLC-MINI-SC-APC-1*32
UNISOL 1*2 PLC MINI SC PC	UCPL-PLC-MINI-SC-APC-1*2
UNISOL 1*4 PLC MINI SC PC	UCPL-PLC-MINI-SC-APC-1*4
UNISOL 1*8 PLC MINI SC PC	UCPL-PLC-MINI-SC-APC-1*8
UNISOL 1*16 PLC MINI SC PC	UCPL-PLC--MINI-SC-APC-1*16
UNISOL 1*32 PLC MINI SC PC	UCPL-PLC-MINI-SC-APC-1*32

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