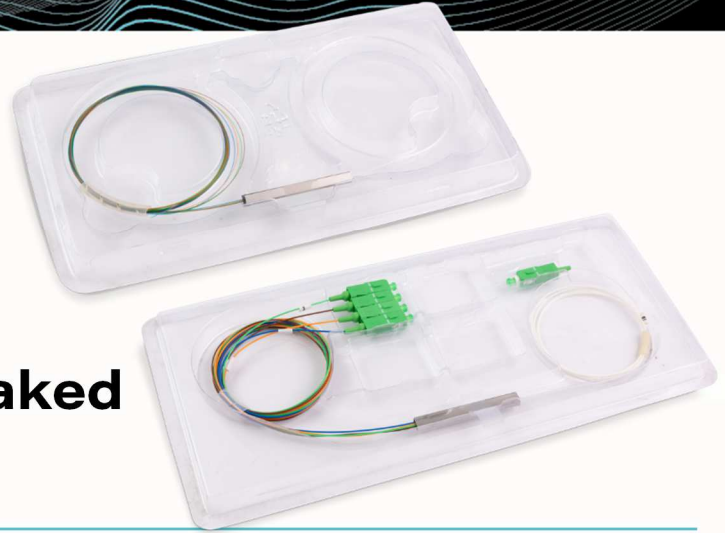


FTTx APPLICATION

PLC OPTICAL SPLITTER MODULE for FTTH - 0,9/2mm - Naked



Description

In networks made of optical fiber, the splitting of the signal can take place in an "active" way, by means of a switch equipped with an optical interface, or in a passive way, at the physical level without the need for powered equipment. The devices used for splitting are called optical splitters. The ORCA® "Passive Optical Splitter" splits an optical signal into multiple equal or fractional signals of lower power, and distributes them to end users.

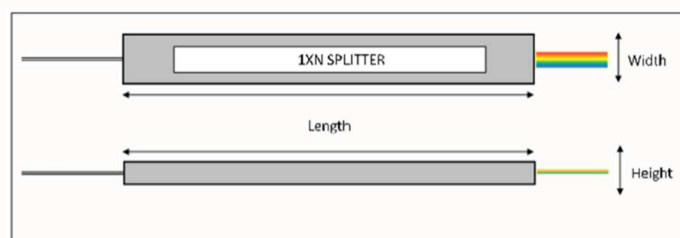
Feature:

- Type: PLC (Planar Lightwave Circuit Technology)
- SC/APC connector, ITU G.657A, Length more than 1.5m, PVC plastic cover (Naked splitter: 0.254)
- Single Mode ITU-G.657A fiber (Including 0.25/0.9mm Cable)
- Multi Mode and % fractionated available on specific request
- Material of Module case: SUS 304, or stainless steel tube
- Input/output Fiber (1xN):
250um Bare fiber (White or Clear), 900um±50um (White) Tight buffered Fiber
- External dimension:
 - 1x2 / 1x8 - 4x4x40mm
 - 1x16 / 1x32 - 7x4x55mm
 - 1x64 - 12x4x60mm
- Operating Temperature: -10/+65 C, Humidity: under 95% RH

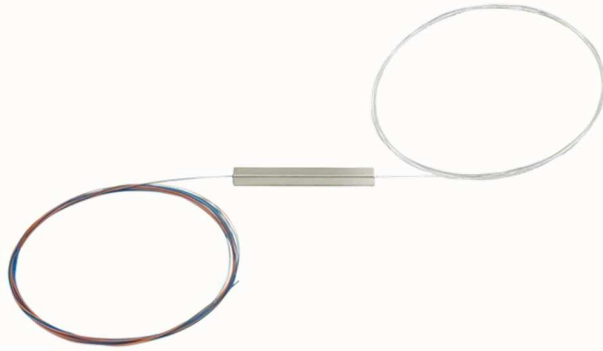
1xN splitters

Type	1x2	1x4	1x8	1x16	1x32	1x64
Operating W.length (nm)	1260 ~ 1625					
Measurement W.length (nm)	1260 ~ 1625					
*Insertion Loss (dB)	Max	≦ 3.8	≦ 7.4	≦ 10.5	≦ 13.6	≦ 20.5
	Uniformity	≦ 0.6	≦ 0.6	≦ 0.8	≦ 1.0	≦ 1.3
*Polarization-Dependent Loss (PDL) (dB)	≦ 0.2	≦ 0.2	≦ 0.2	≦ 0.3	≦ 0.3	≦ 0.3
*Return Loss (RL) (dB)	≧ 55					
*Directivity (dB)	≧ 55					

* Without Connectors (Regarding with Connector, it will be increased about 0.3dB IL each side of connectors.)

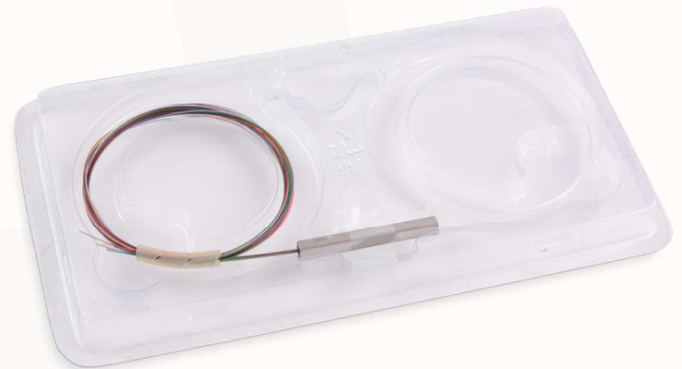
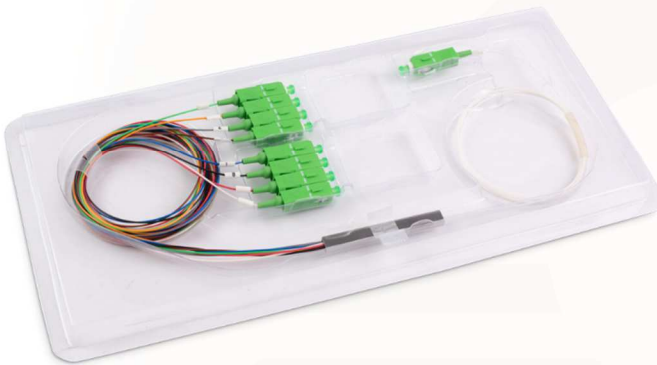


Specifications subject to change without prior notice - For more details please visit www.orca.it



Connector SC/UPC

*Insertion Loss (IL)	Typ.0.2dB/Max 0.3dB
*Return Loss (RL)	≥ 55
Durability	< 0.1dB/500 times reconnection
Diameter of ferrule	2.5mm \pm 0.001mm
The contact of ferrule	10 \pm 0.01mm



Ordering Information code:

OC-FTH-900010-01	ORCA - Spitter 1x2
OC-FTH-900010-04	ORCA - Spitter 1x4
OC-FTH-900010-08	ORCA - Spitter 1x8
OC-FTH-900010-04A	ORCA - Spitter 1x4 G657.A1 whit SC/APC connector
OC-FTH-900010-08A	ORCA - Spitter 1x8 G657.A1 whit SC/APC connector

(*) 16, 32 and 64 or request only

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