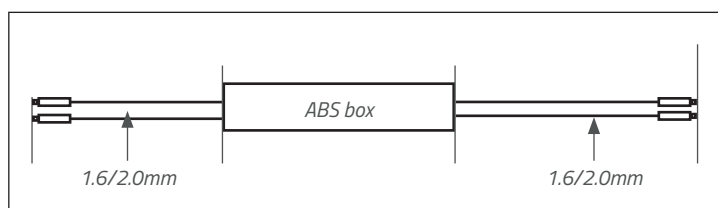


# PLC SPLITTER SINGLEMODE 2XN Ø 1.6/2.0mm



The 2xN splitters perform the same function as 1xN splitters, except that the coupling is made with two input fibers instead of one. This provides a test port in an installation without having to disconnect and interrupt the traffic on the line.

The 2xN splitters also allow two signals to be mixed. For instance, the TV signal and the Internet signal in the case of FTTH networks.

## FEATURES & BENEFITS

- Compact and rugged construction
- Excellent optical performances
- Wide range offering multiple solutions
- 100% configurable inputs and outputs

## AVAILABLE CONFIGURATIONS

PARAMETERS	CONFIGURATIONS
Available connectors	Input: SC/APC ; SC/UPC ; LC/APC ; LC/UPC Output : SC/APC ; SC/UPC ; LC/APC ; LC/UPC
Colours	Input: configurable (standard : orange) Output: configurable (standard : yellow)
Fiber type	G.657A2
Length	Input and output: 0.5 to 3 m
Diameter	Ø 1.6 mm or Ø 2.0 mm
Splitting ratio	2x2 ; 2x4 ; 2x8 ; 2x16 ; 2x32 ; 2x64

## TECHNICAL SPECIFICATION

PARAMETERS	SPECIFICATIONS
IEC-61300	100% compliant
Box material	ABS

## TECHNICAL SPECIFICATION

PARAMETERS	SPECIFICATIONS					
	2x2	2x4	2x8	2x16	2x32	2x64
Splitting ratio	2x2	2x4	2x8	2x16	2x32	2x64
Box dimensions L x W x H (mm)	100 x 80 x 10					100 x 80 x 20
Operating wavelength	1260 nm à 1660 nm					
Insertion Loss IL (dB)	≤ 4.1	≤ 7.5	≤ 10.9	≤ 14.3	≤ 17.7	≤ 21.1
Return Loss RL (dB)	≥ 55					
Polarization Dependent Loss PDL (dB)	≤ 0.3	≤ 0.3	≤ 0.4	≤ 0.4	≤ 0.5	≤ 0.5
Uniformity (dB)	≤ 0.9	≤ 1.4	≤ 1.9	≤ 2.4	≤ 2.9	≤ 3.4
Directivity (dB)	≥ 55					
Additional Insertion Loss per connector IL	Grade B ≤ 0.12 dB on average and ≤ 0.25 dB max for 97% of connections					
Connector return Loss RL	≥ 60 dB (APC) and ≥ 50 dB (UPC)					
Temperature	Operation, transport and storage: -40 °C / +85 °C					