

# Compact PLC Splitter



## Applications

- Video signals distribution in optical CATV.
- Usable for PON(Passive Optical Network).
- Signal distribution using optical AMP.

## Product Type : PS202 Series

### Description

PS202 is the compact size 1xN optical splitter. The size is same as a reinforce tube used at fusion splicing point and suitable for setting in splice box. This product is best choice for constructing Passive Optical Networks.

### Features

- Low Insertion Loss.
- Compact packaging size. Suitable for installation in a splicing closure.
- High reliability.(Telcordia GR-1209, GR-1221 Qualified)

### Optical characteristics

Parameters		1x8	1x16
Operating Wavelength		1260 ~ 1360nm / 1480 ~ 1580 nm	
<b>Standard</b>			
Insertion Loss (dB) *1)	Max.	11.0	14.5
Uniformity (dB)	Max.	1.0	1.5
<b>Premium</b>			
Insertion Loss (dB) *1)	Max.	10.4	13.8
Uniformity (dB)	Max.	0.8	1.3
<b>Common specification</b>			
PDL (dB)	Max.	0.3	
Return Loss (dB) *2)	Min.	50	
Directivity (dB) *2)	Min.	50	

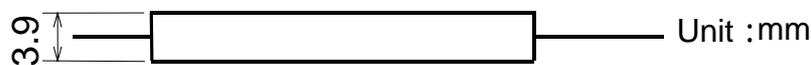
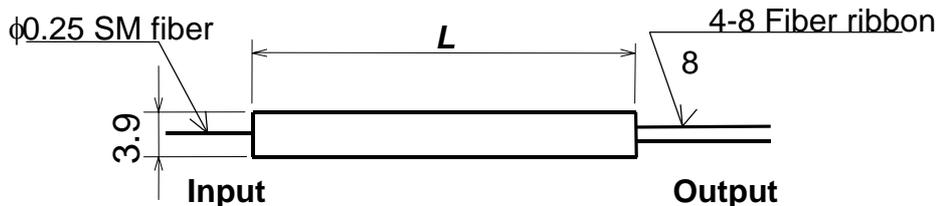
\*1) Include PDL, WDL and TDL(without connectors).

\*2) Without connectors.

## Environmental conditions

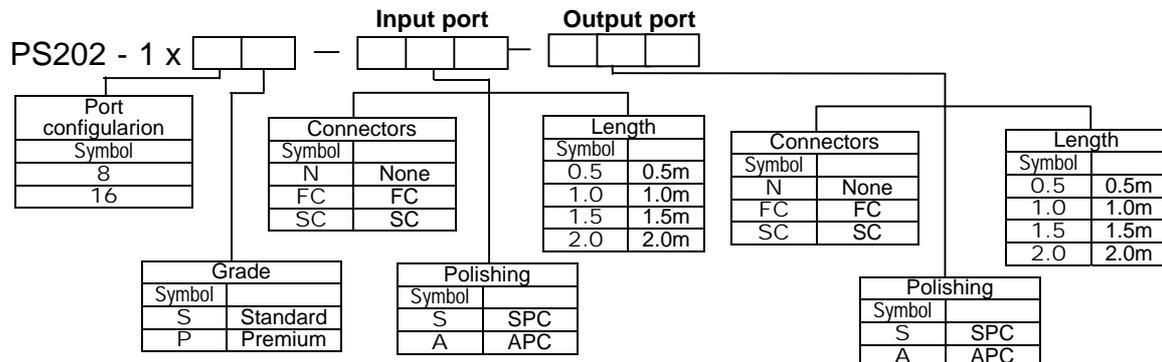
Parameter	Unit	Min.	Max.
Operating temperature	°C	-40	+75
Storage temperature	°C	-40	+85

## Outline Drawing



L (mm)	1x8	1x16
	41.5	50.0

## Ordering information



Furukawa Electric reserves the right to improve, enhance and modify the features and specifications of FITELE products without prior notifications.

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