

## OptoWire PLC Splitter LGX, SC/APC & SC/UPC connector

PLC card type splitter is most commonly used in the PON networks. It provides the complete protection for inner optical components and cable, as well as designed for the convenient and reliable installation, but its volume is relatively large. It's mainly used for various connection and distribution products (outdoor fiber distribution box) or network cabinets.



### OptoWire PLC Splitter LGX, SC/APC

Splitter without connector	1*2	1*4	1*8	1*16	1*32	1*64
Fiber Mode	Single Mode					
Fiber Grade	G.657A2					
Operating Bandwidth(nm)	1260~1650					
Insertion Loss(dB)	≤ 4.3	≤ 7.6	≤ 10.7	≤ 14.0	≤ 17.3	≤ 20.6
Loss Uniformity(dB)	≤ 0.6	≤ 0.6	≤ 0.6	≤ 1	≤ 1	≤ 1
Polarization Dependent Loss(dB)	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.3	≤ 0.3	≤ 0.3
Wavelength Dependent Loss(dB)	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.5	≤ 0.5	≤ 0.5
Return Loss(dB)	≥ 60dB					
Directivity(dB)	≥ 55					
Operating Temperature	-40 to 85°C (-40 to 185°F)					
Storage Temperature	-40 to 85°C (-40 to 185°F)					

### OptoWire PLC Splitter LGX, SC/UPC

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Wavelength Dependent Loss(dB)	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.5	≤ 0.5	≤ 0.5
Return Loss(dB)	≥ 55dB					
Directivity(dB)	≥ 55					
Operating Temperature	-40 to 85°C (-40 to 185°F)					
Storage Temperature	-40 to 85°C (-40 to 185°F)					