

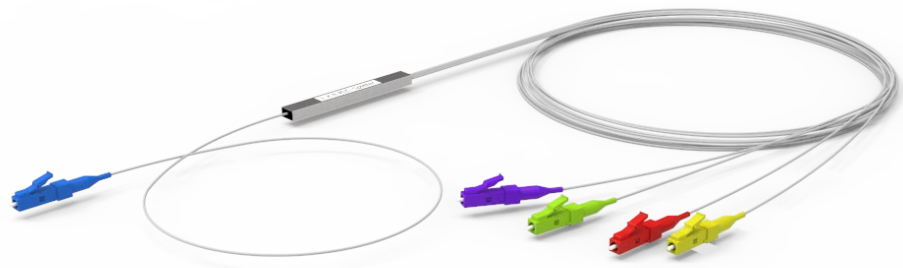


**PRODUCT INFORMATION**  
**PLC Splitter Tube Type**  
 Secure Solutions Color-coded & Non-Keyed

**Technical Specifications (Connectorized)**

Item	1x2	1x4	1x8	1x16	1x32	1x64	1x128
<b>Fiber Type</b>	G.657.A						
<b>Working Wavelength</b>	1260nm~1650nm						
<b>Standard Insertion Loss (dB)</b>	≤4.2	≤7.6	≤10.7	≤14.0	≤17.2	≤20.8	≤24.0
<b>P- Grade Insertion Loss (dB)</b>	≤4.0	≤7.4	≤10.5	≤13.8	≤17.0	≤20.4	≤23.7
<b>Uniformity (dB)</b>	≤0.6	≤0.8	≤0.8	≤1.0	≤1.5	≤2.0	≤2.0
<b>PDL (dB)</b>	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.4	≤0.5
<b>Wavelength Dependent Loss (dB)</b>	≤0.6	≤0.8	≤0.8	≤1.0	≤1.5	≤2.0	≤2.0
<b>Return Loss (dB)</b>	≥50						
<b>Directivity (dB)</b>	≥55						
<b>Operating Temperature Range</b>	-40°C~ +85°C						

Item	2x2	2x4	2x8	2x16	2x32	2x64	2x128
<b>Fiber Type</b>	G.657.A						
<b>Working Wavelength</b>	1260nm~1650nm						
<b>Standard Insertion Loss (dB)</b>	≤4.4	≤8.0	≤11.0	≤14.6	≤17.8	≤21.0	≤24.4
<b>P- Grade Insertion Loss (dB)</b>	≤4.2	≤7.7	≤10.8	≤14.1	≤17.4	≤20.7	≤24.0
<b>Uniformity (dB)</b>	≤0.8	≤1.0	≤1.2	≤1.5	≤1.8	≤2.0	≤3.0
<b>PDL (dB)</b>	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.4	≤0.5
<b>Wavelength Dependent Loss (dB)</b>	≤0.8	≤1.0	≤1.2	≤1.5	≤1.8	≤2.0	≤3.0
<b>Return Loss (dB)</b>	≥50						
<b>Directivity (dB)</b>	≥55						
<b>Operating Temperature Range</b>	-40°C~ +85°C						



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 Email: info@dmsimfg.com





**PRODUCT INFORMATION**  
**PLC Splitter Tube Type**  
 Secure Solutions Color-coded & Non-Keyed

**Technical Specifications (Without Connectors)**

Item	1x2	1x4	1x8	1x16	1x32	1x64	1x128
<b>Fiber Type</b>	G.657.A						
<b>Working Wavelength</b>	1260nm~1650nm						
<b>Standard Insertion Loss (dB)</b>	≤4.0	≤7.4	≤10.5	≤13.8	≤17.0	≤20.6	≤23.8
<b>P- Grade Insertion Loss (dB)</b>	≤3.8	≤7.2	≤10.3	≤13.6	≤16.8	≤20.2	≤23.5
<b>Uniformity (dB)</b>	≤0.6	≤0.8	≤0.8	≤1.0	≤1.5	≤2.0	≤2.0
<b>PDL (dB)</b>	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.4	≤0.5
<b>Wavelength Dependent Loss (dB)</b>	≤0.6	≤0.8	≤0.8	≤1.0	≤1.5	≤2.0	≤2.0
<b>Return Loss (dB)</b>	≥50						
<b>Directivity (dB)</b>	≥55						
<b>Operating Temperature Range</b>	-40°C~ +85°C						

Item	2x2	2x4	2x8	2x16	2x32	2x64	2x128
<b>Fiber Type</b>	G.657.A						
<b>Working Wavelength</b>	1260nm~1650nm						
<b>Standard Insertion Loss (dB)</b>	≤4.2	≤7.8	≤10.8	≤14.4	≤17.6	≤20.8	≤24.2
<b>P- Grade Insertion Loss (dB)</b>	≤4.0	≤7.5	≤10.6	≤13.9	≤17.2	≤20.5	≤23.8
<b>Uniformity (dB)</b>	≤0.8	≤1.0	≤1.2	≤1.5	≤1.8	≤2.0	≤3.0
<b>PDL (dB)</b>	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.4	≤0.5
<b>Wavelength Dependent Loss (dB)</b>	≤0.8	≤1.0	≤1.2	≤1.5	≤1.8	≤2.0	≤3.0
<b>Return Loss (dB)</b>	≥50						
<b>Directivity (dB)</b>	≥55						
<b>Operating Temperature Range</b>	-40°C~ +85°C						

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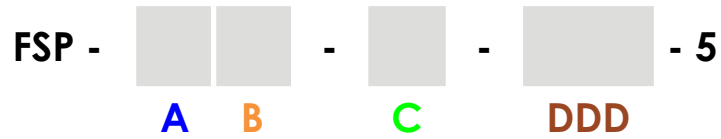
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Part Number Configurator



A	Select Connector Color
B	Blue
N	Orange
G	Green
W	Brown
T	Slate
H	White
R	Red
K	Black
Y	Yellow
V	Violet
S	Rose
A	Aqua
L	Lime Green

B	Select Connector
5	SC/APC
9	LC/APC
C	Select Legs
T	900µm legs
M	250µm legs

DDD	Select Split
1x2	1 x 2
1x4	1 x 4
1x8	1 x 8
116	1 x 16
132	1 x 32
164	1 x 64
5	50/50 Even - Standard Split Ratio

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