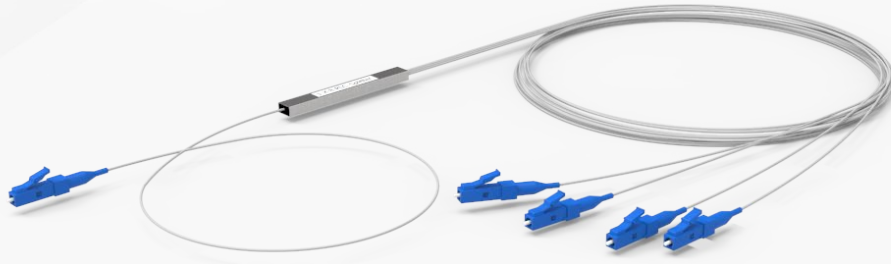


Fiber Optic Splitters

PLC | Tube Type



TECHNICAL SPECIFICATIONS - CONNECTORIZED

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

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



Fiber Optic Splitters

PLC | Tube Type



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TECHNICAL SPECIFICATIONS - WITHOUT CONNECTORS

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

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



Fiber Optic Splitters

PLC | Tube Type



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PART NUMBER CONFIGURATOR

FSP - - - - 5
AA B CCC

AA	Select Connectors
21	FC/UPC Blue
28	FC/APC Green
30	LC/UPC Blue
39	LC/APC Green
60	SC/UPC Blue
65	SC/APC Green
XX	No Connectors

B	Select legs
T	900µm legs
M	250µm legs

CCC	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
2x2	2 x 2
2x8	2 x 8
216	2 x 16
232	2 x 32
264	2 x 64
5	50/50 Even - Standard Split Ratio

SECURE SOLUTIONS | PART NUMBER CONFIGURATOR

FSP - - - - 5
A B C DDD

A	Select Connector Color
R	Red
G	Green
Y	Yellow
B	Blue
V	Violet
N	Orange
K	Black

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

