

Fiber Optic Splitters

PLC | Cassette



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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						



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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						



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PACKAGING

Item	Type of Connector	Length*Width*Height(mm)
1x2	SC/LC	130*100*25
1x4	SC/LC	130*100*25
1x8	SC/LC	130*100*25
1x16	SC/LC	130*100*50
1x32	SC	130*100*102
1x32	SC	267*100*50
1x32	LC	130*100*50
1x64	LC	130*180*102
1X64	SC	130*100*205
2x2	SC/LC	130*100*25
2x4	SC/LC	130*100*25
2x8	LC	130*100*25
2x16	SC/LC	130*100*50
2x32	SC	130*100*102
2x32	LC	130*100*50
2x64	LC	130*100*102



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PART NUMBER CONFIGURATOR

FSC - - - - 5

A
BB
CCC

A	Select Connectivity Type
C	Classic
P	PRM
X	LGX Compatible

BB	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

CCC	Select Split
1x2	1 x 2
1x4	1 x 4
1x8	1 x 8
116	1 x 16
132	1 x 32

Note:

1x16 and 1x32 are double width cassettes.

PART NUMBER CONFIGURATOR FOR SECURE SOLUTIONS (COLOR-CODED NON-KEYED)

FSC - - - - 5

A
BB
CCC

A	Select Connectivity Type
C	Classic
P	PRM
X	LGX Compatible
BB	Select Connector
B5	SC/APC Blue
N5	SC/APC Orange
G5	SC/APC Green
W5	SC/APC Brown
T5	SC/APC Slate
H5	SC/APC White
R5	SC/APC Red
K5	SC/APC Black
Y5	SC/APC Yellow
V5	SC/APC Violet
S5	SC/APC Rose
A5	SC/APC Aqua
L5	SC/APC Lime Green

BB	Select Connector
B9	LC/APC Blue
N9	LC/APC Orange
G9	LC/APC Green
W9	LC/APC Brown
T9	LC/APC Slate
H9	LC/APC White
R9	LC/APC Red
K9	LC/APC Black
Y9	LC/APC Yellow
V9	LC/APC Violet
S9	LC/APC Rose
A9	LC/APC Aqua
L9	LC/APC Lime Green

CCC	Select Split
1x2	1 x 2
1x4	1 x 4
1x8	1 x 8
116	1 x 16
132	1 x 32

Note:

1x16 and 1x32 are double width cassettes.

