

Terminated Fiber Array Unit Fan-Outs

CORNING

Features and Benefits

Low Insertion Loss, Low PDL

Polishing Angle 0, 8 Degree

Environmentally Stable

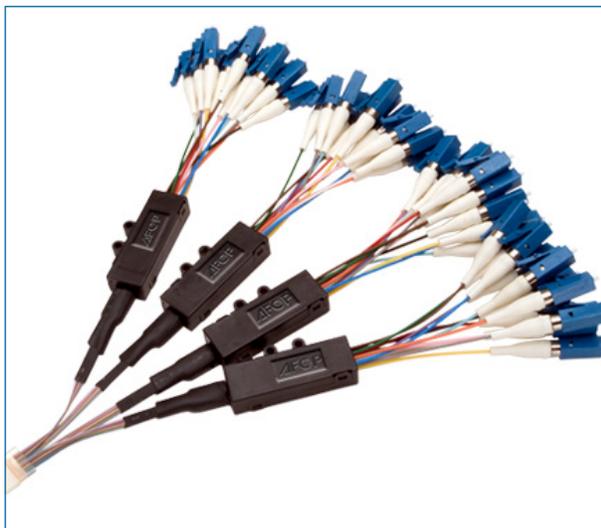
Accurate Fiber Pitch Positions

Custom Designs Available

Corning offers single-mode, terminated Fiber Array Unit (FAU) Fan-Outs. All terminated FAU Fan-Outs feature excellent fiber core position accuracy, low insertion loss, and low optical return loss. Corning also provides customized design and fabrication for customer-specific applications.

Standards

RoHS	Free of hazardous substances according to RoHS2011/65/EU
Design and Test Criteria	Product is compliant with Telcordia GR-1209-CORE and GR-1221-CORE



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Specifications*

Parameters	Unit	Single-Mode			
Number of Channel		1~48			
Type of Ferrule Endface		PC		APC	
Type of Ferrule	mm	1.25	2.5	1.25	2.5
Insertion Loss (1310 nm/1550 nm)	dB	≤0.3			
Optical Return Loss (1310 nm/1550 nm)	dB	≤-50			
Type of Connector		FC/ST/SC/MU/LC			
Operating Temperature Range		-40°C ~ +85°C			

Note:

*See Fiber Array Unit specifications.

Ordering Information

Terminated Fiber Array Unit Fan-Outs



1 Select Material Type

D: Pyrex-Pyrex Double V
P: Pyrex-Pyrex Single V
Q: Quartz-Quartz Single V

2 Select Port Count

1: Single Port
2: 2 Ports
4: 4 Ports
8: 8 Ports
H: 16 Ports
S: 44 Ports
X: 24 Ports
T: 32 Ports
Y: 40 Ports
F: 48 Ports
Z: Customized

3 Select Fiber Type

S: Single, 900mm Tight Buffer, SMF 28
1: Single, 250mm, SMF 28
2: 2 Fibers Ribbon, 250mm, SMF 28
4: 4 Fibers Ribbon, 250mm, SMF28
8: 8 Fibers Ribbon, 250mm, SMF 28
Z: Customized

4 Select Polishing Angle

O: Flat (90 Degree)
8: 98 Degree
A: 82 Degree
T: +12 Degree
B: -12 Degree
P: Protruded
Z: Customized

5 Select Port Spacing

F: 250mm Spacing
H: 127mm Spacing
Z: Customized

6 Select Thickness

1: 1.50 mm
2: 2.50 mm
3: 3.00 mm
Z: Customized

7 Select Connector Code

O: None
1: None; Bare Ribbon Fiber with Fan Out
K: LC/APC Connectors with Fan Out
L: LC/PC Connectors with Fan Out
P: FC/PC Connectors with Fan Out
Q: FC/APC Connectors with Fan Out
S: SC/PC Connectors with Fan Out
T: SC/APC Connectors with Fan Out

8 Select Customization

00: Standard
Running number for special specifications or customized



These part numbers are specific to Corning Optical Communications OEM Solutions Business Unit. Contact OEM sales at +1-408-736-6900 or oemsales@corning.com and visit www.corning.com/opcomm/oem for sales support.

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