

V-Groove Chips and Arrays

CORNING

Features and Benefits

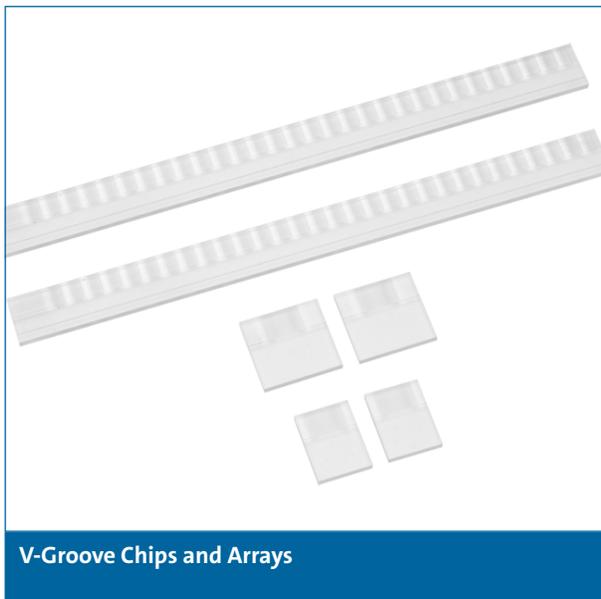
Excellent Fiber Core Position Accuracy

Environmentally Stable

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

Corning offers a suite of cost-effective V-Groove Chips and Arrays that are pitched at 127 and 250 microns. This product is available in configurations ranging from 1 to 48 channels. All V-Groove Chips feature excellent fiber core position accuracy. Customized designs and fabrication for customer-specific applications are available.



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Specifications

Parameters	Unit	Specification
Number of Channel	1	4~48
Spacing for Fiber to Fiber	μm	127±0.5, 250±0.5, Customized
Position Uniformity of Fiber Core	μm	N/A
Operating Temperature Range	degree	40°C ~ +85°C
Angle of V-Groove	degree	60±2, 70.5±2, 90±2
Material		Pyrex®/Quartz

Ordering Information

V-Groove Chips and Arrays

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1
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1 Select Material Type

P: Diced Pyrex
Q: Diced Quartz

2 Select Port Count

1: Single Port
2: 2 Ports
4: 4 Ports
A: Two 4 Ports
8: 8 Ports
B: Two 8 Ports
H: 16 Ports
X: 24 Ports
C: Four 8 Ports
T: 32 Ports
U: 36 Ports
Y: 40 Ports
D: Six 8 Ports
F: 48 Ports
Z: Customized

3 Select Thickness

A: 1.0 mm
B: 1.5 mm
C: 3.0 mm

4 Select V-Angle

6: 60.0 Degree
7: 70.5 Degree
9: 90.0 Degree

5 Select Port Spacing

0: No Spacing
S: 80 μm
H: 127 μm
9: 129 μm
F: 250 μm

6 Select Customization

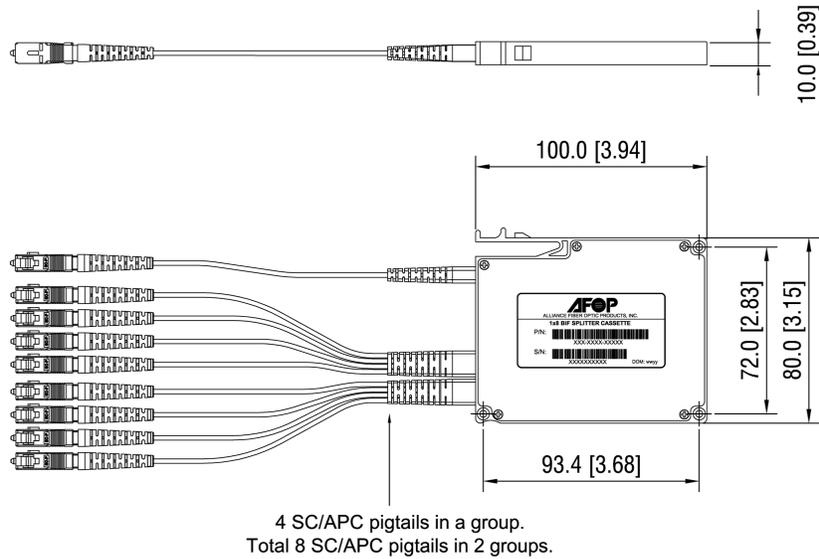
000: Standard
Running number for special specifications or customized

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.

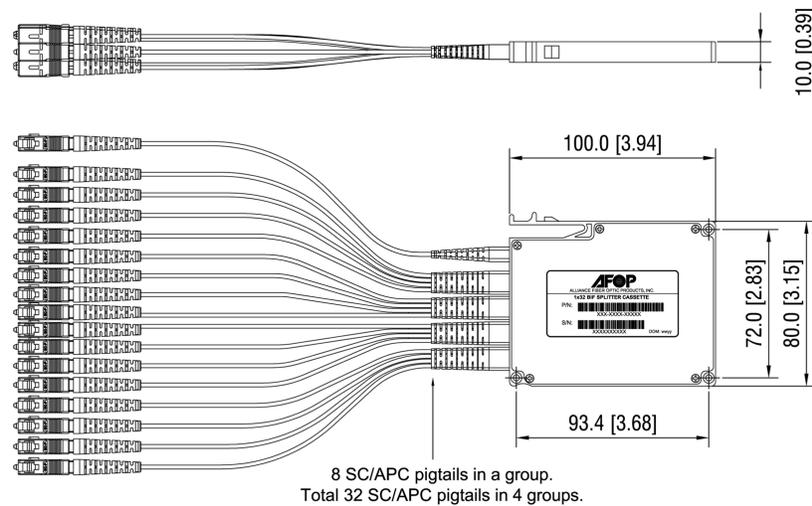
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Mechanical Drawing 1x8 Splitter Module



Mechanical Drawing 1x32 Splitter Module



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Spec Sheet CAH-111_AEN
Page 3 | Revision date 2016-11-21

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