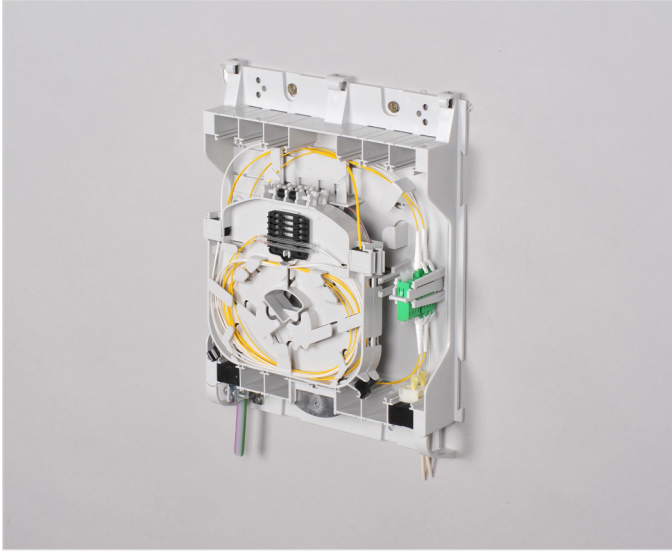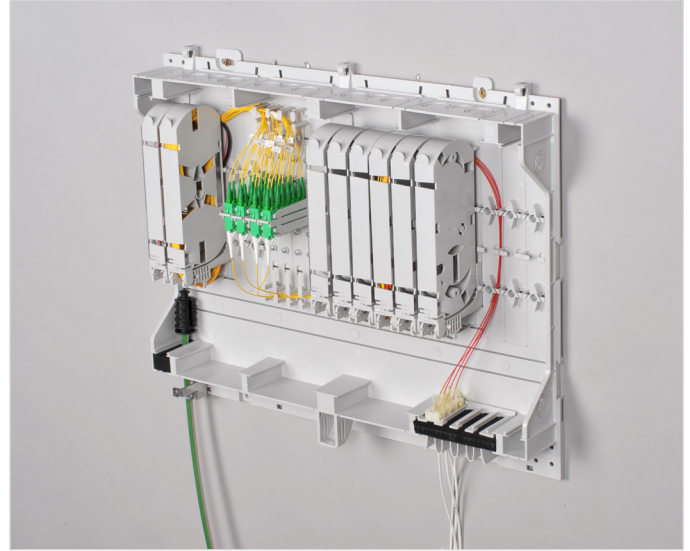# Building Access Terminal (BAT) Classic

BAT Box, Size S | Photo CRR1234

BAT Box, Size XL | Photo CRR1220

A Building Access Terminal (BAT) is a wall-mountable combination of a fibre termination point for outside plant access cable and a building distribution point in one unit. It ensures a clear separation between outside plant cable, optical devices, and building distribution cables. A BAT provides a great level of flexibility for splitting, splicing, as well as patching applications, and is available in various sizes to address different capacity requirements.

Its slim, shallow design and rounded housing edges give the BAT an unobtrusive appearance.

The housing accepts cables and microducts up to 12 mm outer diameter and up to 18 mm for size L and XL when using PG glands, entering from bottom or top. Foam sealings provide IP55 rating for various cable types and quick add-ons.

The design of the BAT enables easy access during installation. Multiple units can be placed side-by-side to increase capacity without the need for an additional duct. This also allows separating access for different operators.

The internal components of a BAT can be pulled out or rotated for safe and easy access, also splice trays of BAT Classic are specifically optimised for storage and handling of 900 µm fibre.

The BAT is made of flame-retardant material, making it ideal for MDU applications.

Features

Features
Available in four sizes (S, M, L, and XL)
UL94, V01, and UV stable material
Trays optimised for 900 μm fibre
Splice, patch, and splitter option
Bottom- or top-entry for microducts or cable, up to 12 mm
EMKA lock, Philips screw, Torx screw or no locking system

Standards

Standards	
RoHS	
Free of hazardous substances according to RoHS 2011/65/EU	

Ordering Information

BAT - ▢▢▢▢ ▢▢ ▢▢ ▢▢▢▢ ▢ ▢▢ ▢▢ ▢▢▢▢

1 **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13** **14**

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1 Size*

S = Small (H x W x D in mm:
   250 x 200 x 50)
M = Medium (H x W x D in mm:
   300 x 240 x 80)
L = Large (H x W x D in mm:
   350 x 335 x 88)
X = Xtra-Large (H x W x D in mm:
   390 x 450 x 88)

*For help identifying the optimal size please
 use the configurator or contact your Corning
 representative

2 Lock type

N = No Lock included, cover designed
to EMKA
S = Screw Lock
E = EMKA Keyed Lock
T = Torx Screw

3

**Type of strain-relief for
feeder cable**

0 = Without
A = BAT-CDS-01 Size S - for cable up to
   12 mm and no central element
 B = BAT-CDM-01 Size M - for cable up
    to 12 mm and no central element
  C = BAT-CAM-01 Size M - for cable up
     to 12 mm and with central element
D = BAT-CDL-01 Size L - for cable up to
   12 mm and no central element
E = BAT-CAL-01 Size L - for cable up to
    12 mm and with central element
  F = BAT-CTP-01 Size L - for cable
greater than 12 mm with PG Glant G =
  BAT-CDX-01 Size XL - for cable up
     to 12 mm and no central element
H = BAT-CAX-01 Size XL - for cable up
   to 12 mm and with central element I
= BAT-CTP-01 Size XL - for cable
   greater than 12 mm with PG Glant

4 Type of sealing for feeder cable

0 = Without
A = BAT-CFS-01 Size S - Single sealing
   component up to 12 mm
B = BAT-CFM-01 Size M - Single sealing
   component up to 12 mm
C = BAT-CFY-01 Size L - Sealing Module
   (2 x 2 up to 8 mm)
D = BAT-CFT-01 Size L - Sealing Module
   (2 x 2 up to 12 mm)
E = BAT-CFX-01 Size XL - Single sealing
   component up to 12 mm
F = BAT-CFY-01 Size XL - Sealing
   Module (2 x 2 up to 8 mm)
G = BAT-CFT-01 Size XL - Sealing
   Module (2 x 2 up to 12 mm)
H = BAT-CFZ-01 Size L/XL - Sealing
   Module (4 x 4 up to 8 mm)

5 Distribution port count*

02 = 2 Ports
04 = 4 Ports
...
64 = 64 Ports

*Number of duplex adapters has half the
 number of Port count

6 Adapter type

00 = No adapters - splice only
6C = SC simplex
5C = SC simplex
B3 = LC APC duplex
A9 = LC UPC duplex

7 Connectivity

0000 = No opticals - splice only
   (no adapters, no pigtails,
   no splitters)
ADPT = Adapters only
PGGB = with Pigtails, Grade B
1102 = 1 x Splitter 1:2
1104 = 1 x Splitter 1:4
1108 = 1 x Splitter 1:8
1116 = 1 x Splitter 1:16
1132 = 1 x Splitter 1:32
2104 = 2 x Splitter 1:4
2108 = 2 x Splitter 1:8
2116 = 2 x Splitter 1:16
3102 = 3 x Splitter 1:2
3104 = 3 x Splitter 1:4
3108 = 3 x Splitter 1:8
4102 = 4 x Splitter 1:2
4104 = 4 x Splitter 1:4
4108 = 4 x Splitter 1:8
5102 = 5 x Splitter 1:2
5104 = 5 x Splitter 1:4

**8 Total number of installed pigtails
connected to splitter Input**

0 = Zero
1 = 1 Pigtail*
2 = 2 Pigtails*
3 = 3 Pigtails*
4 = 4 Pigtails*
5 = 5 Pigtails*

*In case the splitter input is connectorised

Ordering Information (continued)

BAT - ☐☐☐☐ ☐☐ ☐☐ ☐☐☐☐ ☐ ☐☐ ☐☐ ☐☐☐☐

1 **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13** **14**

9 Total number of installed pigtails (to be spliced to feeder) Outside Plant Access Network
00 = No Pigtails
02 = 2 Pigtails
04 = 4 Pigtails
...
64 = 64 Pigtails

10 Total number of installed pigtails (to be spliced to drops) Inhouse Network
00 = No Pigtails
02 = 2 Pigtails
04 = 4 Pigtails
...
64 = 64 Pigtails

11 Select color-coding of pigtails
X = No Pigtails
N = No color coding (yellow)
T = Telcordia
V = DIN VDE

12 Splitter input connectorization
0 = No Splitter
C = Connector - connected to panel
S = Not Connectorised - routed in the tray

13 Splitter output connectorization
0 = No Splitter
C = Connector - connected to panel
S = Not Connectorised - routed in the tray

14 Splicing type
H = For Heat-shrink splice protectors
C = For Crimp splice protectors

Note: You can also select the BAT components and parts separately for customised configurations and bulk orders. These are stated in the next section of the data sheet.

CORNING

BAT-Box Size XL, Grey with EMKA Lock | Photo CRR1219

BAT Housing

The Building Access Terminal (BAT) housing is available in sizes XS (Small Floor Terminal), S, M, L, XL to address different capacity requirements. It is lockable with a screw- or EMKA-Lock.

Options to choose: E = EMKA, S = Philips screw, T= Torx screw and N = No Lock included

Features and Benefits
Grey colour
Side walls shaped to ensure maximum freedom of accessibility
Strain-relief for cables up to 12 mm diameter
Modular configurable and extendable

Ordering Information

BAT - ☐ GE - ST001
1
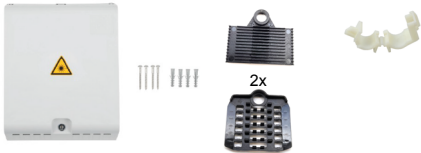
1 Size
S = Small (H x W x D in mm: 250 x 200 x 50) (including 2x splice cassette, 2x heat-shrink holder, 2x crimp splice holder)
M = Medium (H x W x D in mm: 300 x 240 x 80)
L = Large (H x W x D in mm: 350 x 335 x 88)
X = X-Large (H x W x D in mm: 390 x 450 x 88)

Ordering Information

Catalogue Number	Description	Delivery Unit	
BAT-SGE-ST001	BAT (S) Housing Packaging dimensions: (H x W x D in mm) 280 x 280 x 77 Weight: 810 g	1	
BAT-MGE-ST001	BAT (M) Housing Packaging dimensions: (H x W x D in mm) 335 x 240 x 100 Weight: 1050 g	1	
BAT-LGE-ST001	BAT (L) Housing Packaging dimensions: (H x W x D in mm) 421 x 341 x 153 Weight: 1860 g	1	
BAT-XGE-ST001	BAT (X) Housing Packaging dimensions: (H x W x D in mm) 540 x 540 x 95 Weight: 3250 g	1	

CORNING

Cable entry components

Cable entry components for the Building Access Terminal (BAT) include strain-relief cables and tubes of different diameters, that seal the BAT against dust and fluids. Cables can be added or removed at any time.

Features and Benefits
Modular and interchangeable cables that seal and provide strain-relief

Ordering Information

	BAT-S		BAT-M	
	Slots 1 & 6	Slots 2 to 5	Slots 1 & 8	Slots 2 to 7
Cables with aramid yarn up to 8 mm and Pixian	BAT-CC8-10			
Cables and ducts up to 12 mm	BAT-CDS-01	N/A	BAT-CDM-01	N/A
Cables > 12 mm	N/A			
Cable with central member or furcation adapter	N/A		BAT-CAM-01	N/A
Sealing foam options	BAT-CFS-01		BAT-CFM-01	
Fan-out	N/A		BAT-CLT-01	

"Slot" is the cable entry in BAT housing

Ordering Information

	BAT-L			BAT-XL	
	Slot 1	Slots 2	Slots 3	Slots 1 & 6	Slots 2 to 5
Cables with aramid yarn up to 8 mm and Pixian			BAT-CC8-10		
Cables and ducts up to 12 mm	BAT-CDS-01	N/A	BAT-CDL-01	BAT-CDX-01	N/A
Cables > 12 mm	BAT-CTP-01	BAT-CTP-01	BAT-CTP-01	N/A	BAT-CTP-01
Cable with central member or furcation adapter	BAT-CAL-01	N/A	BAT-CAL-01	BAT-CAX-01	N/A
Sealing foam options	BAT-CFY-01 BAT-CFT-01		BAT-CFZ-01	BAT-CFX-01	BAT-CFZ-01 BAT-CFY-01 BAT-CFT-01
Fan-out			BAT-CLT-01		

"Slot" is the cable entry in BAT housing

Strain-Relief Ordering Information

BAT - C ☐☐ - ☐☐
[1] **[2]**

[1] Select strain-relief component
C8 = Plastic strain-relief - cables with aramid yarns up to
      8 mm, for all sizes, available with 10 pcs
CE = Inner strain-relief for up to 2 cables with central element

Small Size
DS = Cable/duct strain-relief: OD 8/12 mm

Medium Size
DM = Cable/duct strain-relief: OD 8/12 mm
AM = Strain-relief for up to 2 cables with central element M

Large Size
DL = Cable/duct strain-relief: OD 8/12 mm for L size
AL = Strain-relief for up to 2 cables with central element L

X-Large Size
DX = Cable/duct strain-relief: OD 8/12 mm for XL size
AX = Strain-relief for up to 2 cables with central element X

[1] Select fan-out (for size M, L, XL)
LT = Fan-out for fibre buffer tube up to 3 mm, including buffer
      tube adapter 1:1 and 1:2

[1] Select sealing foams component
Small Size
FS = Sealing foam (1x12 mm or 2x8 mm)

Medium Size
FM = Sealing foam (1x12 mm or 2x8 mm)

Large Size
FY = Sealing module (2x2 8 mm)
FT = Sealing module (2x2 12 mm)
FZ = Sealing module (4x4 8 mm)
TP = PG gland (Cable diameter: 6-18 mm possible)

X-Large Size
FY = Sealing module (2x2 8 mm)
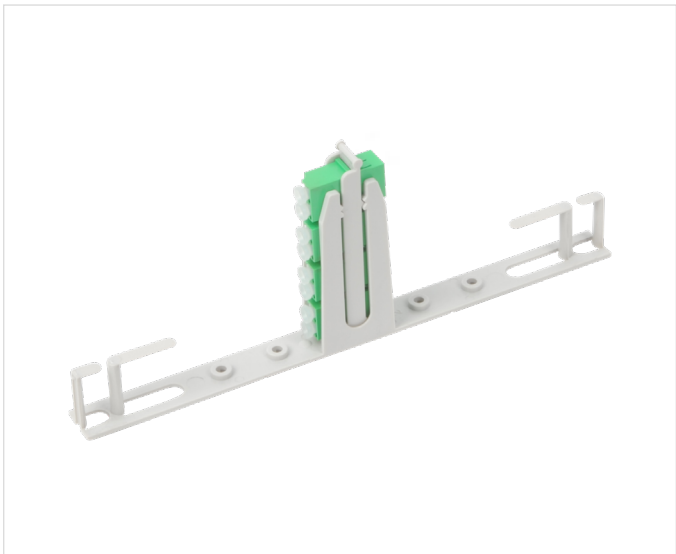FT = Sealing module (2x2 12 mm)
FX = Sealing foam (2x12 mm)
FZ = Sealing module (4x4 8 mm)
TP = PG gland (Cable diameter: 6-18 mm possible)

[2] Select package size
01 = One piece
10 = 10 pieces

CORNING

Patch Module Equipped with Four LC APC Duplex Adapters
Photo CRR1836

Patch Module Equipped with Four LC APC Duplex Adapters
Photo CRR1837

Patch Module

Patch Modules for the Building Access Terminal (BAT) hold SC, LC, and MPO adapters. They provide a lift-up mechanism for better finger access, locks in both positions and can be removed completely.

Features and Benefits
SC, LC, E2000, or MPO Adapters
Module lifts and locks for safe and secure access, detachable

Ordering Information

BAT - P ☐☐ - ☐☐ RT
      1   **2**

1 **Select size and pigtails Small**
RN = 1 adapter, no pigtails
RY = 1 adapter, with pigtails*
SN = 2 adapters, no pigtails
RY = 2 adapters, with pigtails

*Tube color yellow by default

Medium, Large, X-Large
TN = 2 adapters, no pigtails
TY = 2 adapters, with pigtails
LN = 4 adapters, no pigtails
LY = 4 adapters, with pigtails

2 **Select connectivity type**
22 = LC APC duplex (2 fibres)
44 = SC APC duplex (1 fibre)
02 = LC UPC duplex (2 fibres)
58 = SC UPC
90 = MPO adapters

CORNING
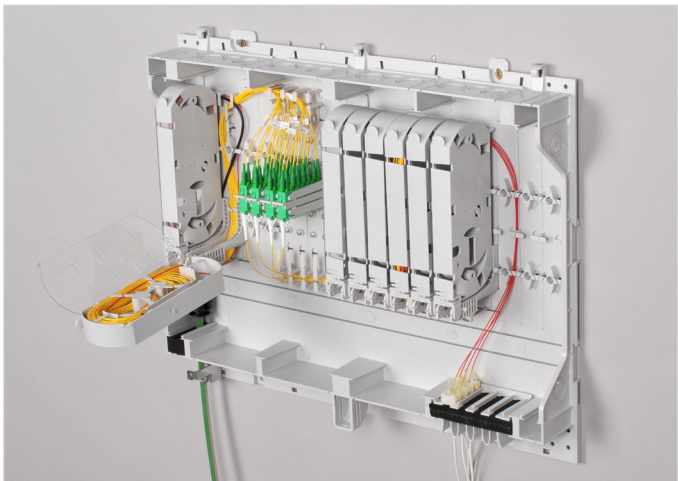
BAT-splitter tray opened | Photo CRR1222
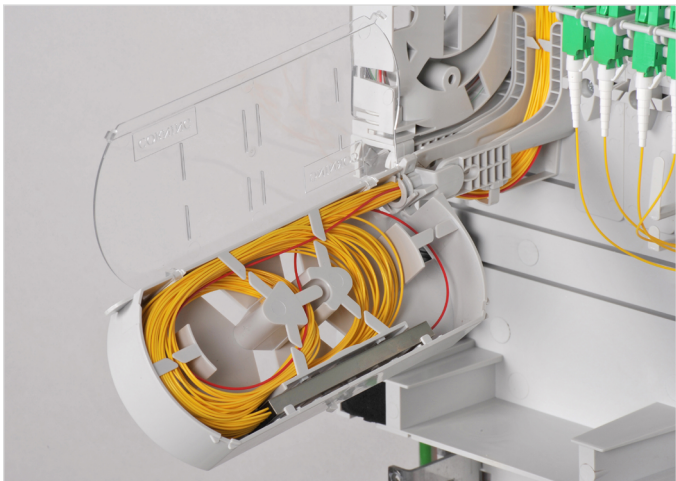
Module Equipped with 1x32 Splitter | Photo CRR1232

Splitter Module

Splitter modules or the Building Access Terminal (BAT) host up to four 1x4 or 1x8 splitters or one 1x16 or 1x32 splitter mini-module. The modules flip and rotate for easy access to splitter legs while protecting fibres and bend radius.

Features and Benefits
Houses one 1x16, 1x32, or up to four 1x4, 1x8 splitters
Flip and rotate for easy access

Ordering Information

BAT - K ☐☐ ☐☐ - ☐☐☐ - ☐
         1   **2**   **3**   **4**

1 Select connectivity type input*
00 = No connector
22 = LC APC duplex
44 = SC APC
19 = E2000

*Color aqua

2 Select connectivity type output*
00 = No connector
22 = LC APC duplex
44 = SC APC
19 = E2000

*Color yellow

3 Select split ratio

102 = 1x2	202 = 2x2
104 = 1x4	204 = 2x4
108 = 1x8	208 = 2x8
116 = 1x16	216 = 2x16
132 = 1x32	232 = 2x32
164 = 1x64*	264 = 2x64*

*Available in special mounting bracket

4 Number of splitters in module
1 = Any split ratio
2 = Nx2, Nx4, Nx8
3 = Nx2, Nx4, Nx8
4 = Nx2, Nx4, Nx8

Ordering Information for BAT Accessories

Catalogue Number	Description	Delivery Unit	
BAT-BTS-01	BAT Kit - Buffer Tube Storage	1	
BAT-F-01	Fusion Splice Module with crimp splice protector - holds up to 12 splices in crimp or heat-shrink protectors - allows routing of 12 250-µm and 900-µm cables or 4 Pixian cables (2 x 3 mm)	1	
BAT-I-01	Parking Module	1	
BAT-R-01	Cable Routing Support	1	
BAT-Splicetray- 50PCS	BAT Splice Kit - mounted in M, L, and XL size Packaging Dimensions: (H x W x D in mm) 380 x 250 x 178 Weight 8330 g	50	
BAT-K00-00000-0-50PCS	BAT Splitter Kit - Empty (mounted in M, L, and XL size) Packaging Dimensions: (H x W x D in mm) 380 x 250 x 178 Weight 3780 g	50	
BAT-CC8-100PCS	BAT Cable strain-relief block - 100 PCS (mounted in all size) Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 140 g	100	
BAT-BTS-10PCS	BAT Kit - Buffer Tube Storage - 10 PCS (mounted in M, L, and XL size) Packaging Dimensions: (H x W x D in mm) 390 x 185 x 125 Weight 1615 g	10	

Ordering Information for BAT Accessories (continued)

Catalogue Number	Description	Delivery Unit	
BAT-fusionorganiser-50PCS	Heat-shrink fusion organiser - 50 PCS Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 150 g	50	
BAT-crimporganiser-50PCS	Crimp organiser - 50 PCS Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 170 g	50	
BAT-CFS-50PCS	BAT Sealing foam (1 x 12 mm or 2 x 8 mm) - (mounted in S size) Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 120 g	50	
BAT-CFM-50PCS	BAT Sealing foam (1 x 12 mm or 4 x 8 mm) - (mounted in M size) Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 170 g	50	
BAT-CFX-50PCS	BAT Sealing module (2 x 12 mm) - 50 PCS (mounted in XL size) Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 180 g	50	
BAT-CDL-holder-100PCS	Strain-relief miniduct right XL size - 100 PCS (mounted in L size) Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 1670 g	100	
BAT-CDX-holder-100PCS	Strain-relief miniduct left, XL size - 100 PCS Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 1660 g	100	
BAT-CDS-holder-100PCS	Strain-relief bracket, size S, front scr - 100 PCS (mounted in S size) Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 1000 g	100	

Ordering Information for BAT Accessories (continued)

Catalogue Number	Description	Delivery Unit	
BAT-CDM-holder-100PCS	Strain-relief for miniducts M size - 100 PCS Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 950 g	100	
BAT-PLN-22RT-50PCS	BAT Kit - Adapter fixing + 4 LC APC duplex Packaging Dimensions: (H x W x D in mm) 335 x 240 x100 Weight 1400 g	50	
BAT-PLN-44RT-50PCS	BAT Kit - Adapter fixing + 4 SC APC - 50 PCS Packaging Dimensions: (H x W x D in mm) 335 x 240 x100 Weight 1770 g	50	
BAT-CFZ-50PCS	BAT Sealing module (4x4 8 mm) - 50 PCS (mounted in L and XL size) Packaging Dimensions: (H x W x D in mm) 380 x 250 x 178 Weight 1950 g	50	
BAT-CD-clmp6-8mm-100PCS	Hose clamp w/ nut & bolt diameter 6-8 mm - 100 PCS Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 580 g	100	
BAT-CD-clmp9-11mm-100PCS	Hose clamp w/ nut & bolt diameter 9-11 mm Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 600 g	100	
BAT-CD-clmp11- 13mm-100PCS	Hose clamp w/ nut & bolt diameter 11-13 mm Packaging Dimensions: (H x W x D in mm) 156 x 156 x 89 Weight 630 g	100	

CORNING