



BOUNDARY WALL BOX IP55



The Boundary Wall Box is an IP55 termination point, installed as outside plant on walls and fences in the FTTx Network. The Boundary Wall Box accommodates 10F splices with 2.4mm HS splice protectors or 5F mechanical splices. The splice tray incorporates a splitter bay as well. A single SC SX or LC DX adapter can be fitted onto the base plate to patch onto a pre-connectorised drop cable. The Boundary Wall Box can be used as a demarcation point segregating the customer drop from the network, thus creating flexibility to test and pinpoint faults without having to access the customer's premises.

7Twenty Degrees (Pty) Ltd

REG: 2017/341626/07 VAT: 465 027 9005
+27(0)11 708 4755 admin@7twenty.co.za
1050 Liner Avenue, Corner Zeiss Road, Laser Park,
Honeydew, Johannesburg, South Africa
Postnet Suite 257, Private BagX18, Northriding, 2162
www.7Twenty.co.za

INNOVATE | DESIGN | MANUFACTURE
Ideas brought to life



BOUNDARY WALL BOX ATTRIBUTES

- The Boundary Wall Box lid can be branded with the customer's logo.
- The lid has two clip on latches and a mechanical lock with universal key for security.
- Using ASA material the Boundary Wall Box is robust and is UV stabilized.
- Ingress protection is rated to IP55 and is suitable for above surface, outdoor installation.
- The base has 4 anchor points one on each corner which is covered by the Lid. The anchor points is also used to attach the optional palisade fence bracket.
- The bottom of the base is fitted with 2 x 12mm push fit cable or duct entries and 4 x 8mm push fit duct exits. Cables and or duct can be secured to the base plate using standard cable ties.
- The cable input and output configuration can be customised to the customer's specific requirements subject to minimum order quantity.
- The base plate is fitted with a single element splice tray for up to 10F heat shrink splices or 5F mechanical splices, including a PLC splitter bay to fit a single 4x4x40mm splitter module.
- Below the splice tray is an adapter holder to fit either a 1 x SC SX or 1 x LC DX adapter for pre-connectorised drop cable.

7Twenty Degrees (Pty) Ltd

REG: 2017/341626/07 VAT: 465 027 9005
+27(0)11 708 4755 admin@7twenty.co.za
1050 Liner Avenue, Corner Zeiss Road, Laser Park,
Honeydew, Johannesburg, South Africa
Postnet Suite 257, Private BagX18, Northriding, 2162
www.7Twenty.co.za

INNOVATE | DESIGN | MANUFACTURE
Ideas brought to life



BOUNDARY WALL BOX SPECIFICATIONS

GENERAL

Number of input cable ports	2
Maximum diameter	12mm
Number of output cable ports	4
Maximum diameter	8mm
Maximum capacity	10 splices (heat shrink) 5 splices (mechanical)
Maximum number of pigtails	2 x LC duplex 1 x SC simplex
Required space	(l) 195mm (w) 145mm (d) 56mm
Operating temperature	-20 deg C to +50 deg C
IP rating	55
Material	ASA KIBILAC PW 978B

7Twenty Degrees (Pty) Ltd

REG: 2017/341626/07 VAT: 465 027 9005
+27(0)11 708 4755 admin@7twenty.co.za
1050 Liner Avenue, Corner Zeiss Road, Laser Park,
Honeydew, Johannesburg, South Africa
Postnet Suite 257, Private BagX18, Northriding, 2162
www.7Twenty.co.za

INNOVATE | DESIGN | MANUFACTURE
Ideas brought to life



BOUNDARY WALL BOX COMPONENTS

Standard Contents:

- 1 x Boundary Wall Box
- 1 x Splice Tray
- 1 x Mechanical Lock

Optional:

- Universal Key on Request
- Cable entries customizable based on MOQ
- Customer Branding
- Fence Bracket

Boundary Wall Box lid branding space at bottom right corner



Push-fit cable entries 2x12mm & 4x8mm.



Single element splice tray with slack management



Optional Fence Bracket



Adapter holder on base plate for 1xSC SX or 1xLC DX adapter



7Twenty Degrees (Pty) Ltd

REG: 2017/341626/07 VAT: 465 027 9005
+27(0)11 708 4755 admin@7twenty.co.za
1050 Liner Avenue, Corner Zeiss Road, Laser Park,
Honeydew, Johannesburg, South Africa
Postnet Suite 257, Private BagX18, Northriding, 2162
www.7Twenty.co.za

INNOVATE | DESIGN | MANUFACTURE
Ideas brought to life