Technical data sheet

AWSS A2 wall and clamping bracket

Item number: 6417947

Wall bracket, heavy duty.
The heavy-duty wall bracket can be used in conjunction with wide span systems or for large support distances of cable tray or cable ladder systems.

A2	Stainless steel
2B	Bright, treated

Master data

Item number	6417947
Type	AWSS 51 A2
Description 1	Wall bracket
Description 2	heavyweight type
Manufacturer	OBO
Dimension	B510mm
Colour	stainless steel
Material	Stainless steel 1.4301
Surface	Bright, treated
Surface standard	
Smallest sales unit	1
Unit of quantity	Piece
Weight	666 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	35,7633 kg CO2e / 1 Piece

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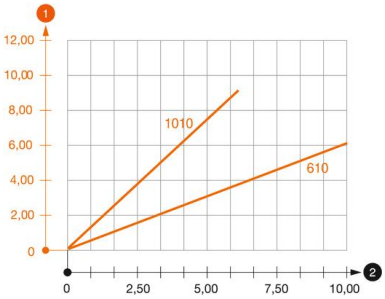
Dimensions

Length	400 mm
Width	510 mm
Height	335 mm
Dimension A	400 mm
Dimension B	510 mm
Dimension b	160 mm
Dimension b1	240 mm
Dimension b2	320 mm
Dimension H	335 mm

Technical data

Version for	Wall brackets
F in kN	10 kN
Maintain electrical functions	no
Hole diameter	14 mm
ROHS-conformant	yes
Rustproof steel, pickled	no

Loads



Load diagram, bracket type AWSS

1 Bending of the bracket tip at permitted bracket load

2 Permitted bracket load in kN without man load

— Load curve with bracket lengths in mm

Wall fastening									
	Max. load [kN]								
	Bracket width [mm]								
Anchor type	210	310	410	510	610	710	810	910	1,010
BZ 12-15-35/110	10	10	10	10	10	8	7	6.5	5.5

Max. total load F = cable weight + cable tray + bracket. The load capacity values increase considerably when used in uncracked concrete. Observe the load capacity of the brackets (diagram) and the installation conditions of the DIBt approval (anchors).The testing of the widths 710–1010 mm took place at the maximum route width (600 mm) with the load at the end of the bracket.