

SINGLE OMNI BEAM

P/N: CUE DEE: 3843, ELEKTROSKANDIA: A200873

3,6 m SLIDABLE BEAM WITH BRACKETS FOR ONE ANTENNA

THE CUE DEE OMNI BEAM SUPPORTS

consist of one aluminium case extrusion ($L=1500\text{ mm}$) to fit the mast or tower. Inside this case the Alubra beam can be slid in to the mast for antenna mounting or services. The case has two locking devices for the beam one on each side.

FLEXIBILITY

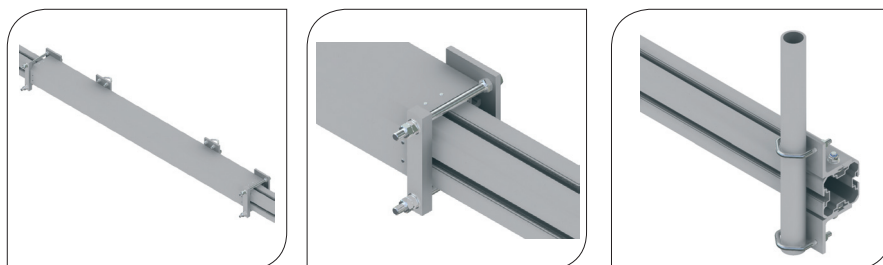
The beam is made up from the CD 8100 ALUBRA extrusion and has a standard length of 3,6 m. (*Other lengths can be arranged up on request*). It is possible to mount one antenna at the end of the Single Omni Beam. One $\varnothing 75 \times 600\text{ mm}$ tube for antenna fitting is included.

QUALITY

All components are made of anodized aluminium and stainless steel which gives the support excellent corrosion resistance.



Quality Design



TECHNICAL INFORMATION

SINGLE OMNI BEAM

ORDERING P/N		FUNCTION DESCRIPTION
CUE DEE	3843	The Single Omni Beam is a 3,6 m long slideable antenna beam capable of carrying one antenna.
ELEKTROSKANDIA:	A200873	

CLAMP MOUNTING RANGE	TUBES	SQUARE PROFILES	90° ANGLE	60° ANGLE
Minimum: (mm) (in)	Ø25 (Ø1,0)	30 x 30 (1,2 x 1,2)	35 x 35 (1,4 x 1,4)	35 mm opening (1,4 in opening)
Maximum: (mm) (in)	Ø120 (Ø4,7)	90 x 90 (3,5 x 3,5)	90 x 90 (3,5 x 3,5)	60 mm opening (2,4 in opening)

MECHANICAL DATA

Mounting tubes:	Ø60, t=3, L=2500
Centre tube:	Ø114, t=5, L=3000
Distance between clamps:	Minimum 1300mm
Tubes:	Aluminium, Nature anodized 20µm
Clamp profiles:	Aluminium, Nature anodized 20µm
Antenna support profiles:	Aluminium, Nature anodized 20µm
Fasteners:	Acid proof stainless steel

PERFORMANCE	WIND SPEED			MAX WIND AREA	
	km/h	m/s	mph	m ²	ft ²
	150	42	93	2	21,5
	200	55	124	0,9	9,7

PACKAGE DIMENSIONS	LENGTH	WIDTH	HEIGHT	WEIGHT
	3600 mm (142 in)	200 mm (7,9 in)	300 mm (11,8 in)	40 kg (88 lb)

The verification is carried out in accordance with relevant parts of:

- EN 755-9:2008 Aluminium and aluminium alloys-Extruded rod/bars, tube and profiles
- EN 1999-1-1:2007 Eurocode 9: Design of aluminium structures – Part 1-1: General structural rules
- EN 1999-1-3:2007 Eurocode 9: Design of aluminium structures – Part 1-3: Structures susceptible to fatigue
- EN 1991-1-4:2005 Eurocode 1: Actions on structures – Part 1-4: General actions – Wind action

Compliance to ROHS 2 directives 2011/65/EU

