



SMW OA-1400 "Jumbo"

1.4 m dish made of impact resistant ABS.

SMW OA-1400 is a satellite dish designed for reception of low and medium power satellites in fringe areas. It's also excellent for use in SMATV. The dish diameter is 140 cm and it is supplied either with a fixed mast mount, or polar mount for motorized systems.

OA-1400 meets SMW's high standard of quality. The dish is made of ABS, which is a light and impact resistant material. Compared to aluminium dishes, they can withstand rough handling during transportation and installation. Due to the vacuum shaping technique used in the manufacturing process, a high surface accuracy is repeatedly obtained and therefore all dishes are exactly alike. The dish is coated with EMC Ni-layer covered by an Acrylic topcoat, and the back of the dish is covered by a UV-resistant layer.

An offset angle of 13° and the short focal distance like a prime focus dish makes a very compact design. The discrete grey colour blends in well with its surroundings.

Our manufacturing quality ensures all dishes have both high efficiency and gain and all production take place in our dish manufacturing plant in Motala.

The OA-1400 is very easy to assemble and install. All parts are in one box and even your choice of SMW LNB could be included to make a complete outdoor unit.

A comprehensive assembly and installation guide ensures trouble-free installation.

All this puts the SMW OA-1400 into the very top range of satellite dishes, with excellent performance and reliability.

Specification SMW OA-1400

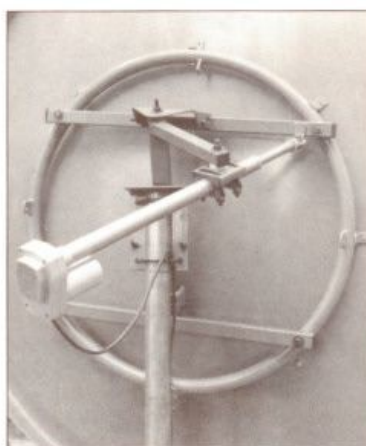
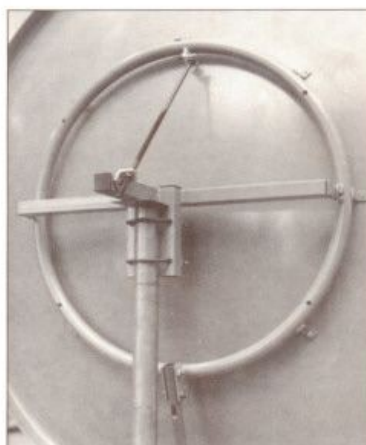
Satellite dish	OA-1400
Size	1500 x 1420 mm
Type	Offset 13°
Material dish	5.5 mm ABS
Material back support	Steel ring
Surface accuracy	0.5 mm RMS
Finish, dish	EMC Shielding coat + Acrylic top coat
back support	Galvanized + Polyester powder coat
Frequency range	10.7–12.75 GHz
Gain @ 11.3 GHz	42.8 dB
f/D ratio	0.45
Beam width 11.3 GHz	1.2°
Edge illumination	-10 dB
Weight	16.2 kg

Fixed Mount	
Type	Mast mount 50–76 mm
Material	Steel
Finish	Galvanized + Polyester powder coat
Elevation	0–55°
Weight	6.1 kg

Polar Mount 1400	
Material	Steel
Finish	Galvanized + Polyester powder coat
Satellite range	137° (57° West to 80° East) with an 400 mm actuator. 90° with an 300 mm actuator.
Mast dimension	50–76 mm
Weight	7.0 kg

Accessories	
Low Noise Converters	SMW DUO Focal SMW LNB SMW XLNB SMW TWIN
Polarizers	SMW XF-45
Feed horns	SMW XM-140 SMW XM-144 V/H

Packing	
Size	152 x 144 x 28 cm
Weight	22.3 kg (Fixed mount) 23.2 kg (Polar Mount)



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