

SATELLITE DISH ANTENNA

MC-DS-100C

Professional 100 cm Class Offset Satellite Dish Antenna



Professional Product Overview

High-gain offset satellite dish antenna designed for professional SMATV and satellite reception installations. Built with a galvanised steel reflector, aluminium support arm and robust mounting hardware for stable signal reception in demanding outdoor environments.

100 cm Class	10.7–12.75 GHz
Offset reflector	Satellite reception band
40.1 dB Gain	8.1 kg
At 12.75 GHz	Total weight

Professional satellite and TV distribution component for MICORUS SMATV systems

Description & Key Features

DESCRIPTION

The MC-DS-100C is a professional offset satellite dish antenna designed for reliable Ku-band satellite reception in SMATV, hospitality and commercial TV distribution systems. Its galvanised steel reflector, aluminium alloy arm and durable mounting assembly provide stable mechanical performance and consistent signal capture in outdoor installations.

01 High-Gain Offset Design

Offset reflector geometry supports stable Ku-band signal reception for professional satellite distribution systems.

02 Durable Construction

03 Installation-Friendly Hardware

Supplied with mast clamping support and LNB holder arrangement for straightforward alignment and setup.

04 Ku-Band Reception

Designed for 10.7 to 12.75 GHz satellite reception with high efficiency and controlled cross polarisation.

05 SMATV Compatibility

Suitable for residential, hospitality and commercial satellite reception systems.

06 Outdoor Reliability

Engineered for dependable operation under wind load and demanding environmental conditions.

Application Note

Recommended for professional satellite reception points feeding SMATV distribution infrastructure, multiswitch systems and TV headend installations.



Technical Specifications

GENERAL

Equivalent Source Item	TDS 100LG
Article Number	120522
Reflector Type	Offset
Main Material	Galvanized Steel
Reflector Size	981 x 940 mm
Colour	RAL 7035

RF PERFORMANCE

Frequency Range	10.7–12.75 GHz
Offset Angle	23°
F/D Ratio	0.66
Cross Polarisation	>28 dB
Efficiency	>72%
Gain at 10.75 GHz	38.6 dB
Gain at 11.75 GHz	39.4 dB
Gain at 12.75 GHz	40.1 dB
Beamwidth at 12.75 GHz	1.75°

MECHANICAL

Elevation Angle	15–57°
Max. Elevation with Passing Pole	39.5°
Arm Material	Aluminum alloy 50 x 20 mm
Mast Bracket Material / Accepted Pole	Galvanized steel, 30–60 mm
LNB Holder Material / Accepted LNB Ø	Plastic, 40 mm
Windload	94 kg @ 120 km/h
Total Weight	8.1 kg
EAN Code	50691038085204