

TE 80

Satellite antenna



Cheap and reliable...

It is the absolutely one of the most sold TELE System's antennas.

It is characterized by the plastic back support and the round section LNB aluminium arm.

ELECTRICAL CHARACTERISTICS

Offset antenna

80cm

Dish dimension

740mm x 840mm

Input frequencies

10.75 GHz to 12.75GHz

Gain at 10.75 GHz

36.80 dB

Gain at 11.75 GHz

37.75dB

Gain at 12.75 GHz

38.50dB

Half power beamwidth at 12.75 GHz

< 2.2°

Cross polar discrimination on main axis

> 27 dB

MECHANICAL AND ENVIRONMENT CHARACTERISTICS

Type of reflector

Solid, offset

Reflector thickness

0.6mm

Reflector accuracy

0.6 mm rms

offset angle (deg.)

25°

f/D ratio

0.6

Universal mount

Powder coated galvanised, 1.5mm thickness min

Elevation adjustable (deg)

15° to 85°

Azimuth adjustable on wall or roof mount over elevation range (deg.)

180 over elevation range

Temperature range (operational and storage)

-40°C to +60°C

Windloading at 72 Km/h

17.40 kg

Windloading at 144 Km/h

69.4kg

Windloading at 216Km/h)

156.2 kg

Reflector material

Electro galvanised steel

Back structure

Polypropylene + fibre glass

AZ-EL holder

Galvanised steel

LNB arm

Aluminium

LNB holder

Polypropylene + fibre glass