



IRTE 240 cm

TECHNICAL CHARACTERISTICS

MECHANICAL

Reflector type	pressed aluminium (eight petals)
Optics	prime-focus
F/D Ratio	0.41
Size	Ø 2400 mm
Colour	white

ENVIRONMENTAL

Wind operational survival	90 Km/h (standard type) 150 Km/h (standard type)
Operational temperature	-30°C ÷ +70°C

ELECTRICAL

	C Band	Ku Band
Frequency range	3.7 ÷ 4.2 GHz	10.7 ÷ 12.75 GHz
VSWR	1.25 : 1	1.25 : 1
Polarization	linear	linear
3 dB Beam width	2.2° (3.95 GHz)	0.8° (11.3 GHz)
Gain (dBi ±0.2)	37.2 (3.95 GHz)	46 (11.3 GHz)

Noise temperature (30°EL)

27°K

33°K

MOUNT OPTIONS

AZ-EL mount

pole 114 mm

Polar mount

pole 114 mm

Ground mount kit

pole 114 mm

PACKING

Individual packing

- reflector
- supporting structure
- polar mount
- AZ-EL mount

1.31x1.12x0.23 m (31 Kg)

0.94x0.94x0.10 m (17 Kg)

0.46x0.44x0.31 m (30 Kg)

0.35x0.50x0.34 m (28 Kg)