

# ORBITRON

## the T20, T24



Precision in design and construction is demonstrated by the picture quality and durability of the T20 and T24 antennas. These antennas are identical in design and construction with the exception of the additional two foot length of the trusses, additional set of mesh panels and two additional sets of mesh rings on the T24. These antennas have been designed for commercial and international use. They are especially suited for use by cable TV systems and TV broadcasters as head end antennas or by public institutions and private businesses to feed SMATV systems. The T20 and T24 are adaptable for use in remote locations around the world. The unique hub or spool design of these antennas allows rotation of the antenna during assembly making it possible to assemble the reflector on the tower. The antenna mount and reflector may also be assembled on the ground and then lifted atop the tower by crane. Exact alignment of the truss mounting holes and precision machining of the spool contribute greatly to assuring a true parabola and superior signal reception. Such concern with precision design and machining in all features of the T20 and T24 antennas is a determining factor in providing the purchaser with a superior antenna at a competitive price.

### SPECIFICATIONS:

#### T20

Diameter:	20.0'	(6.1m)
Focal Length:	108"	(274.3cm)
F/D Ratio:	.45	
Gain at 4.2 GHZ:	46.9 dBI	
Gain at 12.2 GHZ:	53.5 dBI	
Shipping Weight:	3150 lbs.	(1429 kg)
Crate Size: A:	93"x50"x41"	(237x127x105cm)
B:	93"x34"x34"	(237x87x87cm)

#### T24

Diameter:	24.0'	(7.3m)
Focal Length:	108"	(274.3cm)
F/D Ratio:	.375	
Gain at 4.2 GHZ:	47.9 dBI	
Gain at 12.2 GHZ:	53.8 dBI	
Shipping Weight:	3300 lbs.	(1497 kg)
Crate Size: A:	93"x50"x41"	(237x127x105cm)
B:	93"x34"x34"	(237x87x87cm)

# Precision

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