

5150-5850MHz - 32dBi Dual Polarity Solid Dish

EZ-SD5WD32INF

The new Dual Polarity **SD5WD32INF** Solid Dish antenna by **e-zy.net** offer the system engineer the best performance available on the market. The antennas meet the most stringent specifications for point to point BackHaul antennas.

The Antenna FeedHorn has two N-Female connectors, one for vertical polarization and one for horizontal polarization. This feature makes this antenna ideal for polarization diversity systems. Since the antenna can transmit and receive on both vertical and horizontal polarities, it can be used with increased bandwidth systems.

The antenna frequency range is from 5150 to 5850 MHz and comes with 32dBi gain.

The **SD5WD32INF** Solid Dish Antenna comes equipped with heavy duty Mounting Bracket which provides $\pm 35^\circ$ degrees of up/down while assures the antenna's longevity.

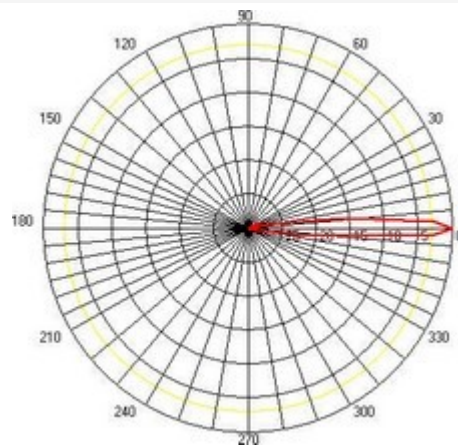
An optional fiberglass radome is available for added environmental protection.



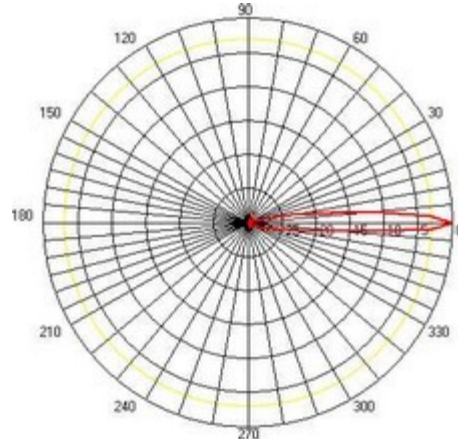
Features :

- Extremely Rugged for long service life in extreme environments
- N-Type Female embedded connectors.
- Dual Polarity FeedHorn (2 x N-Type Female connectors)

TECHNICAL SPECIFICATIONS	
Freq. Range	5150-5850 MHz
Bandwidth	700MHz
Gain	32 dBi
V.S.W.R	<1.5
Horizontal BeamWidth	4°
Vertical BeamWidth	4°
Front to Back Ratio	>40dB
Isolation	>28dB
Max Power	100 W
Polarization	Dual Polarity FeedHorn
Impedance	50 ohm
Connector	2 x N-Type Female (embedded)
Antenna Dimensions	Diameter 900 mm
Weight	12 Kg
Material	Powder Coated Steel
Color	Grey
Mounting mast diameter	Ø50 to 150mm



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