

## 5150-5850MHz - 29dBi Dual Polarity Solid Dish

## EZ-SD5WD29INF

The new Dual Polarity **SD5WD29INF** Solid Dish antenna by **e-zynet** 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 29dBi gain.

The **SD5WD29INF** 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.

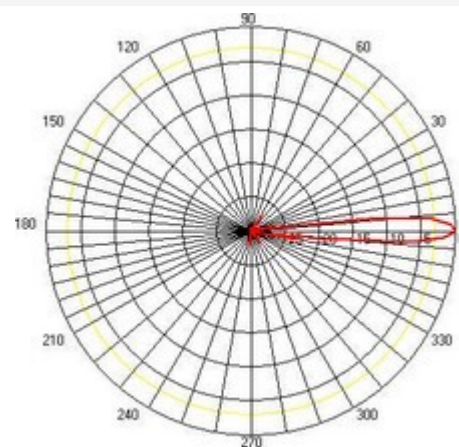


### Features :

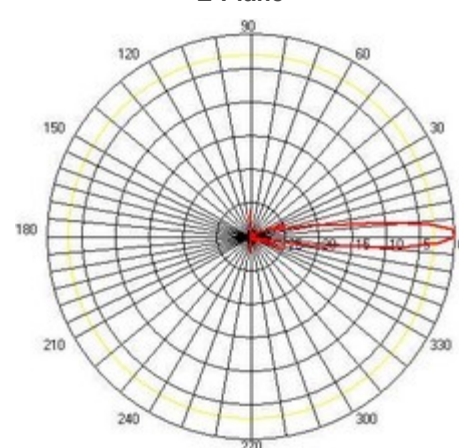
- Extremely Rugged for long service life in extreme environments
- N-Type Female embedded connectors.
- Dual Polarity FeedHorn (2 x N-Type Female connectors)

### TECHNICAL SPECIFICATIONS

|                        |                              |
|------------------------|------------------------------|
| Freq. Range            | 5150-5850 MHz                |
| Bandwidth              | 700MHz                       |
| Gain                   | 29 dBi                       |
| V.S.W.R                | <1.5                         |
| Horizontal BeamWidth   | 6°                           |
| Vertical BeamWidth     | 6°                           |
| Front to Back Ratio    | >35dB                        |
| Isolation              | >28dB                        |
| Max Power              | 100 W                        |
| Polarization           | Dual Polarity FeedHorn       |
| Impedance              | 50 ohm                       |
| Connector              | 2 x N-Type Female (embedded) |
| Antenna Dimensions     | Diameter 600 mm              |
| Weight                 | 5 Kg                         |
| Material               | Powder Coated Steel          |
| Color                  | Grey                         |
| Mounting mast diameter | Ø50 to 150mm                 |
| Package Dimensions     | 68x68x19cm                   |
| Package Weight         | 7Kg                          |



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