



NA 5x29-32 SPD DP

High Performance Solid Parabolic Dish and Dual Polarity Antennas
5150 to 5850 MHz Operation

The SPD DP Series dish antennas offered by Netronics offer the system engineer the best performance available on the market.

The antennas meet ETSI EN 302 085 TS4/TS5 and EN 300 833 Class 1 specifications, the most stringent specifications for point to point backhaul antennas. The dual polarized feeder makes it possible to use this antenna in systems which can utilize dual polarization to increase bandwidth or implement diversity.

Features & Benefits

- Wide band operation
- Dual polarity
- Ultralow sidelobes, meets ETSI standards
- Extremely rugged for long service life in extreme environments

Applications

- 802.11a applications
- OFDM systems
- Cellular backhaul
- Point-to-point backhaul
- Public safety communications

Specifications

Parameter

Frequency range	5150-5850 MHz
VSWR	1.8:1
Impedance	50 OHM
Port-to-port Isolation	40 dB
Max. Input Power	100W
Mechanical Downtilt	30 deg
Pole Diameter	2" to 4"
Operating Temperature	-40 to +70 Deg C

NA 5x29 DP SPD

NA 5x32 SPD

Gain	29 dBi	32 dBi
Beam Width	6 deg	4 deg
Sidelobes	-32 dB	-32 dB
Front to Back	-32 dB	-38 dB
Cross Pole	-32 dB	-34 dB
Weight	11 lb (5 kg)	22 lb (10 kg)
Dimensions (Diameter)	25.5 (648 mm)	36.5 (927 mm)