

SYNERGY TELECOM P. LTD

DIPOLE FOLDED ANTENNA

2-30 MHz.

5 dBi Gain



Applications.

The BDP series HF broadband dipole antennas provide excellent performance over short to medium range circuits. The antenna radiation pattern has a high take-off angle at the lower frequencies for short range communication circuits and lower take-off angles at the higher frequencies for medium range communication circuits

Features

The BDP series HF broadband antennas are designed to permit efficient operation without the use of a tuner. The broadband characteristics of the antenna are achieved without the use of resistive loading, simplifying the overall antenna construction. Two bolted aluminium towers support the aluminium radiating antenna dipole element

ELECTRICAL SPECIFICATIONS:

Frequency Range	2 - 30 MHz.
Gain	5 dBi
Bandwidth	8 MHz
Polarization	Horizontal
Input Impedance	50 Ohms unbalanced
power rating	200 Watt
Vertical Beam-width –Half Power Points	55 Degrees
Directive gain	5 dBi.
VSWR	2.5:1 or less
length	250 feet
Width	150 feet
Wind survival rating	200 Km/Hr.
Height	80 feet

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