

Type BLP50-1500

Directional Broadband transceiving antenna system 50MHz to 1500MHz



The BLP50-1500 is designed to provide wideband directional transmission of radio signals from VHF through to the UHF bands. Output is provided via one 50 Ω coaxial output in the frequency range: 50-1500 MHz.

The principle of operation is that of a directional wideband system comprising a 25 element log periodic array antenna which can be erected at various angles for different polarisations..

The log periodic array has foldable long elements, the longest of which is 1.5 metres with a boom length of 2 metres. The longer elements are attached via a fast deployment self locking device at points along the boom.

Standard colour is drab olive and black (other colours to order).

Specifications

Frequency Range	50 to 1500 MHz
Impedance (output)	50 Ω (nominal)
Gain	10dBi (nominal)
RF Power	250W CW 1kW PEP
VSWR	2:1
Connection	N type coaxial connector
Polarisation	Variable according to installation
Pattern	Directional
Boom Length	2m (6.6ft)
Wind Survival	160 km/h (100mph)
Weight	Packed: 13kg (28.6 lbs), unpacked 9kg (19.8 lbs)

Specifications subject to change 10/06