



Type BLP50-200

**Directional Broadband transceiving antenna system
50MHz to 200MHz**



The BLP50-200 is a compact antenna, designed to provide wideband directional transmission of radio signals in the VHF band.

The principle of operation is that of a directional wideband system comprising a 10 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 1.6 metres. The elements are attached via a fast deployment self locking device at points along the boom. Overall antenna only length when folded is 1.9 metres.

Specifications

Colour	Standard is Bronze Olive, Sand Bank or Black. Option with other colours to order
Frequency Range	50 to 200 MHz
Impedance (output)	50Ω (nominal)
Gain	5dBi (nominal)
RF Power	250W CW 1kW PEP
VSWR	2:1
Wind Survival	160 km/h (100mph)
Connection	N type coaxial connector
Polarisation	Variable according to installation
Pattern	Directional
Boom Length	1.6m (5ft 3 in)
Mounting	From end of antenna boom via short (300mm) gibbet and right angle spigot 24mm diameter x 100mm long
Weights	Antenna only 5.3 kg (11.66 lbs); antenna with gibbet and mounting spigot 7kg (15.4 lbs); packed 9 kg (19.8 lbs)

Specifications subject to change – Issued 01/09/13

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