



# BROADBAND PROPAGATION

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## **BP-LT-45-F BAND-1 LOG PERIODIC ANTENNA – Foldable**

The BP-LT-45-F is a 16 element log periodic antenna covering the Radio Relay Band 1 frequency range of 225-450 MHz, with a mid-band gain of 13 dBi. Front to Back ratio is 28 dB

Construction is of stainless steel, with stainless steel and Acetal fittings. The antenna folds at its centre to half its length to enable easy transport and storage.



### **Specifications**

Frequency Range:	225-450 MHz
Gain:	10-13dBi
Polarisation:	Horizontal or vertical
F/B Ratio:	28 dB
Beam Width Vertical:	3 dB beamwidth in plane vertical to elements 76 deg.
Beam Width Horizontal:	3 dB beamwidth in element plane 56 deg
VSWR:	2:1
Power Rating	250 watts
Input Connection:	N type female
Mounting:	Mounts to 50mm shaft
Antenna Length:	1.1 metres
Antenna Width:	0.68 metres
Antenna Weight:	2.8 kg