

LOG - PERIODIC Aerials LP45F LP SERIES



Log-periodic pre-assembled aerials characterized by: extremely easy connection due to the connector being located near the mast clamp. High level design of the dipole connection guarantees a highly reliable RF contact. Due to the specific mast clamp these aerials can be assembled in vertical or horizontal polarisation without additional accessories. They are characterized by excellent mechanical clamp resistance of the boom elements, excellent mechanical resistance at the rotation around the mast and good electrical performances. F connector is protected by a cap with bayonet clamp.

Main Specifications

- Bandwidth 862MHz
- Impedance 75 Ohm
- UHF Band
- 60 mm is the maximum mast clamp diameter

| Description | Unit | LP45F |
|----------------------------------|------|---------|
| Fracarro code | | 216149 |
| Elements | No. | 6 |
| Band | | UHF |
| Channels | | E21-E69 |
| Technical Characteristics | | |
| Bandwidth | MHz | 470-862 |
| Maximum Gain | dBi | 11 |
| Front-to-back ratio | dB | 36 |
| Return loss | dB | -15 |
| Beamwidth (-3dB) | ° | ±/-28 |
| Impedance | Ohm | 75 |
| Connector | Type | F |
| Maximum mast | mm | 60 |
| Dimensions | mm | 99 x 32 |

