

Mobile Microwave Link (Band 2,3-23 GHz) EML/EMDL Series

The EML Series mobile microwave links are designed for long and medium haul applications, point to point and multi-hop networks, and other broadcast requirements to deliver broadcast-quality video and high-quality audio channels or data flows.

These links offer characteristics of outstanding quality and reliability together with ease of installation and use "in the field", thanks, amongst other things, to the rapid mechanical assembly system.

The EML Series microwave links are available in different frequency ranges and are equipped with

synthesized oscillators which allow channel change both from the RF head and the internal console. The EML Series links are used for analog applications or digital DVB-T application (EMDL Series).



The Tripod is a fundamental accessory in the mobile radio link and it has a basic order in the pointing between two parabolic reflectors.

The tripod has a big capacity of absorbing vibrations, an highly adaptation to all grounds.

The EML Series links have to be completed with a professional Tripod (optional) and a set of special Trunk with wheels and handle for easy transportation (optional).

The external RF unit whether receiving or transmitting, is equipped with hermetically mechanical structure.

In order to display the output power level or the input RF level, an external measurement unit is available, that facilitate the system's tracking operations.

A connector for the coaxial cable connecting the console to the external unit is also available, as well as an IF monitoring connector and a further socket for the "Intercom" circuit between the console and the external unit.



Technical data

FREQUENCY

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| Structure | Singol flowing tube |
| Minimum operative elevation from earth | 780 mm |
| Maximum operative elevation from earth | 1580 mm |
| Tripod weight | 8,0 Kg |
| Leg diameter | 40 mm |
| Terminal diameter | 35 mm |
| Maximum load | 30,0 Kg |
| Height when closed | 940 mm |
| Leg Material | Aluminium |
| Terminal leg Material | Chromium plated steel |
| Foot | Reversible with conical tip or foot antivibration in rubber |
| Pulling | Adjustable in alluminium |
| Special options | Antislid rubber handles |