

UHF antenna with three cradles

TRE+ Z HD series

art. 21-461
TRE+ Z HD



Designed to maximize the reception of DTT signals in the range E21÷E60 attenuating the LTE 800 MHz band without preventing the proper functioning of channel E60.

New high-performance dipole, meticulously designed to maximize performance, with innovative and practical design at the same time, with openable lid to ensure maximum weather resistance without sacrificing a smooth insertion of the F connector.

The three cradles structure and the mechanism of deployment ensure high efficiency, high gain and a quick and easy installation, being pre-assembled type antennas.

Characteristics

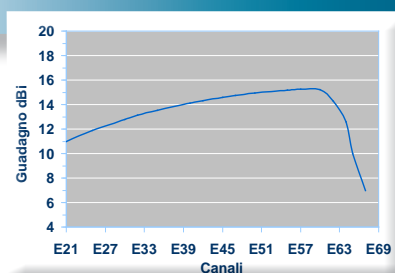
- High efficiency and high gain
- Quick and easy installation: pre-assembled antennas with mechanism of deployment
- Excellent value for Front-to-back Ratio
- Three cradles structure silver anodized
- Aluminium alloy 6101 rod elements
- Dipole with special attack for the insertion of the waterproof rubber cap

Code	21-461	
Item	TRE+ Z HD	
Color	YELLOW RAL 1026	
Channels	E21÷E60	
Maximum gain	dBi	15,2
Front-to-back Ratio	dB	> 28
Beamwidth (-3 dB) H/V	°	40 / 46
Wind load @ 129 Km / h	N	97
VSWR	< 1,2	
Impedance	Ω	75
Dimensions (LxWxH)	mm	864x535x470
Main cradles	mm	20x20
Secondary cradles	mm	12x18
Reflector	solid aluminium rod with high mechanical sturdiness	
Dipole connector	F-type	
Mast clamp for masts max	mm	Ø 60
Horizontal and vertical polarization with tilt adjustment	included	

Packaging

Package	No. pieces	Dimensions LxWxH (mm)	Weight (Kg)
single pack	1	910x125x185	2,4
multi-pack	6	935x365x590	15,6

Gain



Directivity

The patterns shown represent measurements made in the horizontal plane at the center of the band.

