

# Televes®

evolved to outlive the test of time



## antenna V for DTT

**Compact and robust construction**  
**Innovative mounting system.**

Fitting the reflectors was never easier and more secure



Built in  
**high quality**  
aluminium



**Small size**  
to facilitate its installation  
in every type of site



**Easy to assemble**  
with only one  
adjustment



**Shielded**  
Balun with F connector



**Open-close dipole**  
to improve the flatness  
of the antenna gain



**Robust:**  
Dipole protected  
with ABS plastic



## antenna V for DTT



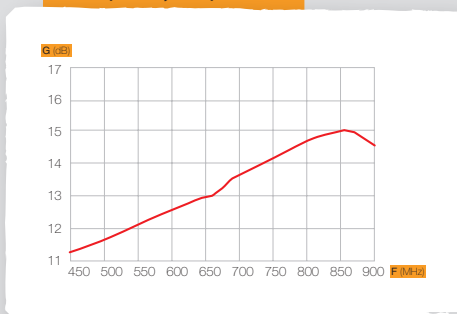
Ref. 1490

- Yagi-type antenna made of a dipole, a corner-reflector antenna made up of two parts of five elements each and two grids of 7 director-elements disposed in angle and vertically stacked.
- Made of high quality aluminium. Without iron.
- Total quality guaranteed thanks to its automate manufacturing.
- Directive high-gain antenna and discrete size.
- Integrates an opened/closed dipole that supplies straightness to the answer in frequency.
- Equipped with shielded impedance matching that prevents form the effects of impulsive noise of DTT signals.

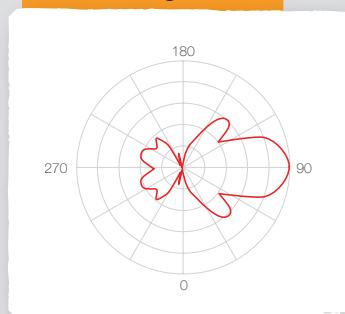


Reflectors of manual insertion, with one single safety screw.

### Frequency response



### Radiation diagram



### Technical characteristics

| References      |                       | 1490    |      |
|-----------------|-----------------------|---------|------|
| Frequency range | Mhz                   | 470-862 |      |
| Gain            | dB                    | 15      |      |
| F/B ratio       |                       | 22      |      |
| Length          | mm                    | 890     |      |
| Wind load       | 800 N/m <sup>2</sup>  | N       | 93   |
|                 | 1100 N/m <sup>2</sup> |         | 128  |
| Wind pressure   | N/m <sup>2</sup>      | 800     | 1100 |
| Wind speed      | Km/h                  | 130     | 150  |



Televes UK Ltd.

Unit11 Hill St.Ind.Estate, Cwmbran, Gwent NP44 7PG. UK /T.+44 (0)1633-875821 F.+44 (0) 1633-866311

televes.uk@televes.com [www.televes.com](http://www.televes.com)