

Triax UFO 150 – wideband multi-purpose LTE antenna

New challenges for DVB-T reception include (but is not limited to) frequency separation, due to potential neighbor and near channel interference from TETRA and LTE. To avoid LTE interference, DVB-T antennas must attenuate or reject the LTE signal.

LTE mobile broadband operates in the frequency area 790-862 MHz (E61-69).

This poses challenges to DVB-T installations as wideband antennas historically are constructed to peak with max. gain above 790 MHz (E61), and receive up to 862 MHz (E69).

Based on the success of earlier UFO products, Triax has developed the UFO 150 with the following key features:

- FM, DAB+, Band III and UHF
- Optimized for maximum gain 87-790 MHz, attenuating LTE interference above 790 MHz with >30dB
- TETRA filter (380-400 MHz) >15dB
- 360° omnidirectional antenna
- Integrated 28 dB amplifier
- Surface treated to resist salt water and tough weather conditions
- 3 brackets for multi-purpose installations enclosed

The elegant and robust housing design makes the antenna suitable for home, caravan, boat, mobile, bus and truck.

The UFO 150 comes with mounting which will ease installation time.

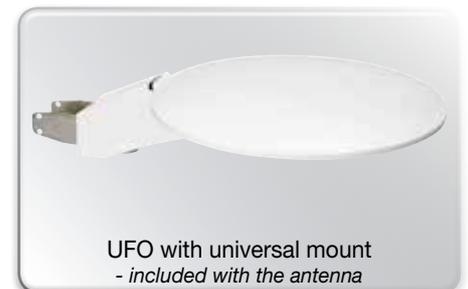
The UFO 150 includes a Triax KOSWI IEC connector for connecting the coax cable to the TV.

The KOSWI IEC connector meets the high Class A shielding requirements, further protecting your TV system from LTE interference.

Remember to use Class A or Class A+ shielded coax cable to further secure your TV system from LTE interference.

For easy identification the UFO 150 has a yellow LED light.

Flexible installation options:



LTE is a trademark of ETSI



Triax UFO 150

– wideband multi-purpose
LTE antenna



Technical data

Type		UFO 150 Digital	
Art. No.		109150	
Frequency range	FM	MHz	87.5-108
	DAB/VHF	MHz	174-300
	UHF	MHz	470-790
Channels		FM/DAB/DAB+/5-12/21-60	
Elements		stk.	1
Opening angle	ver./hor.	deg.	90/360
Windload		N	5.5
Gain	VHF/UHF	dB	28/27
Noise figur		dB	3.0
Max. output voltage	VHF/UHF	dBuV	108/104
Supply voltage		V	5-24
Power consumption		mA	45
Dimensions	length	mm	325
	width	mm	255
	height	mm	65
Connector		F-conn	
Included		Mast bracket Ø25-60 Plastic base Universal mount	

Accessories

Additional power supply, power inserter and bracket available as individual accessories



IFP 502
Power supply
Art. No. 339502



IFP 522
Power supply/inserter
Art. No. 339522



Centre mount
Art. No. 133225

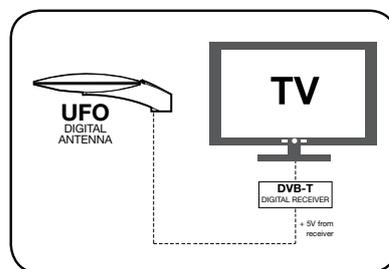


IFP 529
Power inserter
Art. No. 339529

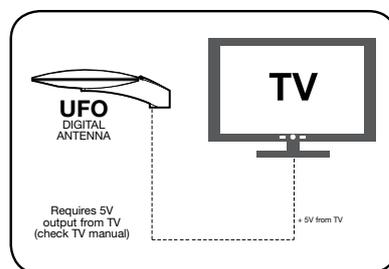


Application examples

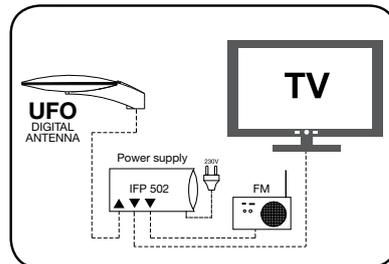
Example



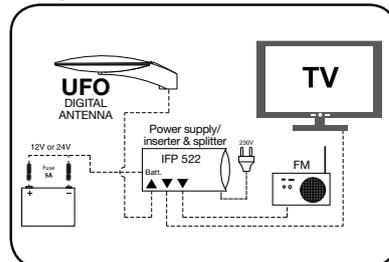
Example 2



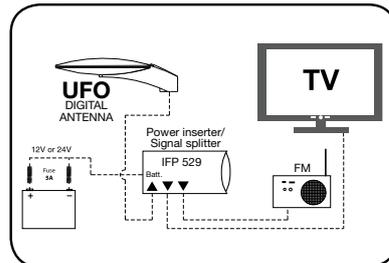
Example 3



Example 4



Example 5



Go to:

www.com.com/Multimedia/LTE

for more background info
on Triax LTE Protection