

Triax UFO 140 – wideband multi-purpose antenna

LTE mobile broadband is starting to operate in the frequency area 790-862 MHz (E61-69).

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

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

Based on the success of earlier UFO products, Triax has developed the UFO 140.

- FM, DAB, Band III and UHF antenna
- Optimized for maximum gain 87-790 MHz, thereby protecting against LTE interference 790-862 MHz
- Approved to carry "LTE Protected – by Triax" logo
- 360° omnidirectional antenna
- Integrated 28 dB amplifier
- Surface treated to resist saltwater 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.

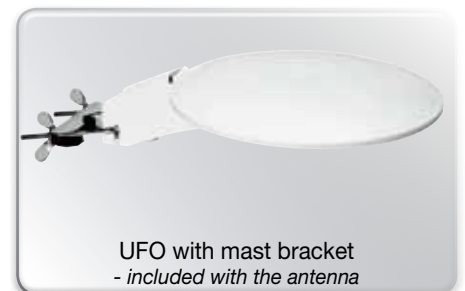
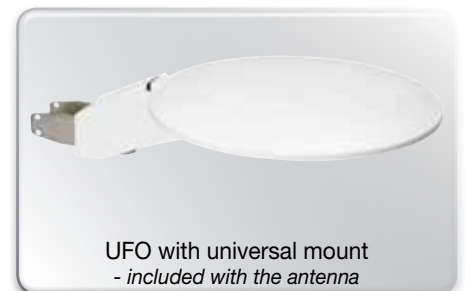
The UFO 140 comes with pre-cut plastic mounting which will improve installation time.

The UFO 140 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 140 has a green LED light. Earlier UFO models, 100 and 120, have a red LED light on the bottom. This enables easy identification at any given UFO installation whether a customer should be recommended an upgrade to a UFO 140.

Flexible installation options:



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Aerials are approved to carry the "LTE Protected – by TRIAX" logo



Triax UFO 140

- wideband
multi-purpose antenna



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Technical data

Type	UFO 140		
Art. No.	Digital 109140		
Frequency range	FM	MHz	87.5-108
	VHF	MHz	174-230
	UHF	MHz	470-790
Channels	FM/5-12/21-60		
Elements	pcs.		1
Opening angle	ver./hor.	deg.	90/360
Windload	N		5.5
Gain	dB		28
Noise figure	dB		2.5
Max. output voltage	dBμV		108
Supply voltage	V		5-24
Power consumption	mA		50
Dimensions	length	mm	325
	width	mm	255
	height	mm	65
Connector	F-connectors		
Bracketry	Mast bracket Ø25-60 Universal mount Plastic base		

Accessories

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



IFP 502
Power supply
Art. No. 339502

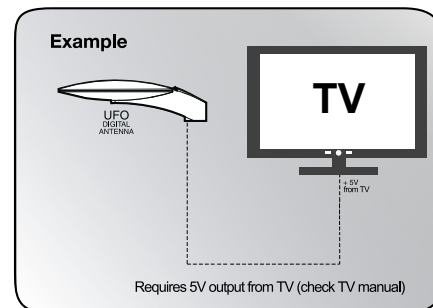
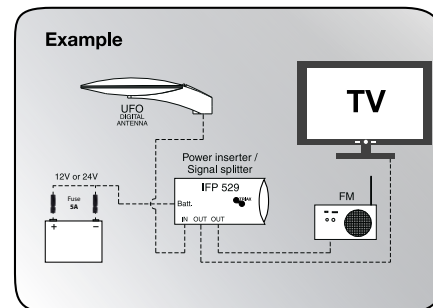
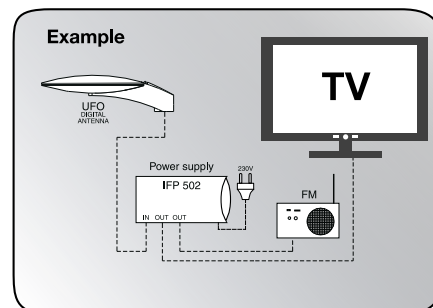
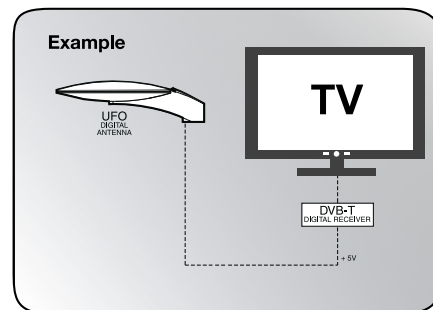


IFP 529
Power inserter
Art. No. 339529



Centre mount
Art. No. 133225

Application examples



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background info on
Triax LTE Protection



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