



Digi 6 elem.



Digi 10 elem.

The frequency range 790-862 MHz (ch. 61-69) is being discontinued for DTT use (Digital Terrestrial TV). Instead the frequency band is used for mobile broadband services using 4G/LTE (Long Term Evolution) and/or LTE Advanced technology.

4G/LTE technology operating in the 790-862 MHz raises challenges for DTT installations. Triax has developed a range of antennas which reject the LTE/LTE Advanced signals in 790-862 MHz range. Look for the "LTE Protected - by Triax" logo to identify the product range.

For maximum aerial protection choose Triax "Antenna Low Pass System" (ALPS) for the most advanced antennas with built-in filter functionality.

Technical data

Type:		Digi 6 ch. 21-60 ALPS	Digi 6 ch. 21-60 ALPS	Digi 10 ch. 21-60 ALPS	Digi 10 ch. 21-60 ALPS	Digi 14 ch. 21-60 ALPS
Art. Nr:		108380	108387	108381	108388	108382
Frequency range						
Channels		21-60	21-60	21-60	21-60	21-60
Band		BIV/V	BIV/V	BIV/V	BIV/V	BIV/V
Frequency range	MHz	470-790	470-790	470-790	470-790	470-790
Elements		6	6	10	10	14
Gain						
@ 474 MHz (Ch. 21)	dBi	5.0	5.0	6.5	6.5	7.5
@ 538 MHz (Ch. 29)	dBi	7.0	7.0	7.5	7.5	9.5
@ 602 MHz (Ch. 45)	dBi	9.0	9.0	10.0	10.0	12.0
@ 730 MHz (Ch. 53)	dBi	10.0	10.0	12.5	12.5	13.0
@ 786 MHz (Ch. 60)	dBi	10.0	10.0	13.0	13.0	13.5
Rejection						
@ 811 MHz (LTE D1)	dBi	5.0	5.0	5.0	5.0	5.0
@ 821 MHz (LTE D6)	dBi	10.0	10.0	11.0	11.0	11.0
@ 832 MHz (LTE U1)	dBi	12.0	12.0	11.0	11.0	11.0
@ 862 MHz (LTE U6)	dBi	10.0	10.0	8.0	8.0	8.0
Front to back ratio - hor.	dB	17	17	17	17	25
Beamwidth horizontal	deg.	± 25	± 25	± 25	± 25	± 21
Windload	N	14	14	22	22	54
Dimensions						
Length	mm	718 mm	718 mm	1015	1015	1015
Width	mm	330 mm	330 mm	330	330	420
Weight	kg	0.45	0.45	0.45	0.45	0.77
Packing						
Individual polybag		Yes		Yes		
Individual brown box			Yes		Yes	Yes
Mechanical						
Impedance	Ohm	75	75	75	75	75
Material		Aluminium	Aluminium	Aluminium	Aluminium	Material
Connector		F-female	F-female	F-con	F-con	F-con
Bracketry				Mast	Mast	Mast