



<b>Beverage Boxes with integrated common mode chokes. Wideband operation. In plastic box for outdoor mounting. SO239 connector.</b>	<b>Price EUR</b>
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<a href="#">Beverage box 1.8, 3.5, 7MHz</a>	39
Beverage box one direction 1.8, 3.5, 7MHz complete set	46
<a href="#">Beverage box two directions 1.8, 3.5, 7MHz</a>	46
<a href="#">Beverage box two directions 1.8, 3.5, 7MHz complete set</a>	88
Beverage box three directions 1.8, 3.5, 7MHz	57
Beverage box three directions 1.8, 3.5, 7MHz complete set	109
<a href="#">Power supply for Beverage box with Interference filter two directions</a>	26
Power supply for Beverage box with Interference filter three directions	30
<a href="#">Termination 8 - 10 W for Beverage boxes</a>	7
<a href="#">Zinc plated M6 square U-Bolt with serrated saddle. Up to 50 mm. For plastic boxes.</a>	2

Band	Dipole antennas	Frequency range (MHz)	Resonance	Wire	Length	Price EUR
80 m	<a href="#">Inverted "V" CW/SSB dipole with relay switches</a>	3.5 - 3.6	3.535 MHz	2.5 mm <sup>2</sup>	2x19 m	140
		3.7 - 3.8	3.76 MHz			
80 m	<a href="#">Relay switch with tuning coils for 80 m vertical CW / SSB</a>	3.5 - 3.6	3.535 MHz		For 18m height vertical	119
		3.7 - 3.8	3.76 MHz			
40 m	<a href="#">40m Full size rotary dipole antenna</a>	7 - 7.3		Starting element Diameter48 mm	22 m	249
30 m	<a href="#">Three band rotary</a>	10 MHz	18 MHz	Starting element Diameter40 mm		269
17 m	<a href="#">WARC dipoles 3B-</a>		24 MHz			
12 m	<a href="#">WARC</a>					
20 m	<a href="#">Three band rotary dipoles 3B-Dipole</a>	14 MHz		Starting element Diameter35 mm	11 m	249
15 m		21 MHz				
10 m		28 MHz				

Band	Full size Yagi antennas	Frequency range (MHz)	Free space forward gain	Elem.	Boom length	Starting element diameter (mm)	Max. element length	Price EUR
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### Two-Band Antennas (WARC)

17 m	<a href="#">PA1824-5-4</a>	18.068-18.168	6.7 dBi	5	4 m	35 mm	8.8 m	449
12 m		24.89-24.99	7.6 dBi					

### Triband antennas

20 m	<a href="#">3B-223HD</a>	14 - 14.35	6.7 dBi 6.7 dBi 7.7 dBi	7	4.5 m	35 mm	11.3 m	499
15 m		21 - 21.45						
10 m		28 - 28.7						
20 m	<a href="#">3B-334HD</a>	14 - 14.35	7.2 dBi 7.9 dBi 9.4 dBi	10	6.4 m	35 mm	11.3 m	880
15 m		21 - 21.45						
10 m		28 - 28.7						
20 m	<a href="#">3B-456HD</a>	14 - 14.35	9.4 dBi 10.8 dBi 11.2 dBi	15	11.6 m	35 mm	11.3 m	1450
15 m		21 - 21.45						
10 m		28 - 28.7						

### 40 m Yagi

40 m	<a href="#">PA7-2-6</a>	7 - 7.3	6.2 dBi	2	6.4 m	48 mm	23 m	689
40 m	<a href="#">PA7-3-12</a>	7 - 7.3	7.3 dBi	3	12 m	48 mm	23 m	1249
40 m	<a href="#">PA7-4-18</a>	7 - 7.3	7.3 dBi	4	18 m	48 mm	23 m	1899

### 20 m Yagi

20 m	<a href="#">PA14-3-6</a>	14 - 14.35	7.3 dBi	3	6.4 m	35	11 m	399
20 m	<a href="#">PA14-4-8</a>	14 - 14.35	9.1 dBi	4	8.5 m	35	11 m	649
20 m	<a href="#">PA14-5-12</a>	14 - 14.35	10.1 dBi	5	12.8 m	35	11 m	849

### 15 m Yagi

15 m	<a href="#">PA21-3-5</a>	21 - 21.45	7.7 dBi	3	5 m	30	7.3 m	280
15 m	<a href="#">PA21-4-6</a>	21 - 21.45	9 dBi	4	6.4 m	30	7.3 m	399
15 m	<a href="#">PA21-5-9</a>	21 - 21.45	10.4 dBi	5	9.4 m	30	7.3 m	649
15 m	<a href="#">PA21-6-12</a>	21 - 21.45	11.4 dBi	6	12.6 m	30	7.3 m	849

### 10 m Yagi

10 m	<a href="#">PA28-3-4</a>	28 - 28.8	7.6 dBi	3	4 m	25	7.3 m	279
10 m	<a href="#">PA28-4-5</a>	28 - 28.8	9 dBi	4	4.85 m	25	7.3 m	329
10 m	<a href="#">PA28-5-6</a>	28 - 28.8	10 dBi	5	6.4 m	25	7.3 m	399
10 m	<a href="#">PA28-6-9</a>	28 - 28.8	11 dBi	5	9.4 m	25	7.3 m	649
10 m	<a href="#">PA28-7-12</a>	28 - 28.8	12 dBi	7	12 m	25	7.3 m	849

Band	Antenna	Frequency range (MHz)	Free space forward gain	Elem.	Boom length	Boom diameter (mm)	Mount	Price EUR
<b>6 m Yagi</b>								
6 m	<a href="#">PA50-3-1.5</a>	50 - 51	7.1 dBi	3	1.5 m	20 x 20	Center	89
6 m	<a href="#">PA50-3-1.5HDR</a>	50 - 51	7.1 dBi	3	1.5 m	30 x 30	Rear	109
6 m	<a href="#">PA50-4-3</a>	50 - 51	9.2 dBi	4	3 m	30 x 30	Center	119
6 m	<a href="#">PA50-6-6</a>	50 - 51	11.6 dBi	6	6 m	40	Center	159
6 m	<a href="#">PA50-7-9</a>	50 - 51	13 dBi	7	9 m	40	Center	199
<b>6 m / 4 m Yagi</b>								
6/4 m	<a href="#">PA50-70-7-3</a>	50-51/70-70.5	7.7/9.1dBi	7	2.75 m	30 x 30	Center	129
6/4 m	<a href="#">PA50-70-11-6</a>	50-51/70-70.5	10.6/12.2dBi	11	6 m	40	Center	179
6/4 m	<a href="#">PA50-70-15-9</a>	50-51/70-70.5	12.5/12.9dBi	15	9 m	40	Center	229
<b>4 m Yagi</b>								
4 m	<a href="#">PA70-3-1</a>	70 - 70.5	7.1 dBi	3	1 m	20 x 20	Center	79
<b>2 m Yagi</b>								
2 m	PA144-2-0.5	144 - 146	6.6 dBi	2	0.46 m	12 x 18	Center	27
2 m	PA144-2-0.8-R	144 - 146	6.6 dBi	2	0.8 m	12 x 18	Rear	30
2 m	PA144-2-0.8-HDR	144 - 146	6.6 dBi	2	0.8 m	20 x 20	Rear	36
2 m	PA144-3-0.7	144 - 146	7.4 dBi	3	0.7 m	12 x 18	Center	39
2 m	PA144-3-1-HDR	144 - 146	7.4 dBi	3	1 m	20 x 20	Rear	45
2 m	PA144-4-1	144 - 146	9.3 dBi	4	0.95 m	12 x 18	Center	49
2 m	PA144-4-1-HDR	144 - 146	9.3 dBi	4	1.25 m	20 x 20	Rear	55
2 m	<a href="#">PA144-5-1.5</a>	144 - 146	10.5 dBi	5	1.5 m	20 x 20	Center	59
2 m	PA144-5-1.5-R	144 - 146	10.5 dBi	5	1.8 m	20 x 20	Rear	65
2 m	PA144-5-1.5-HDR	144 - 146	10.5 dBi	5	1.9 m	30	Rear	75
2 m	<a href="#">PA144-6-2</a>	144 - 146	11.3 dBi	6	2 m	20 x 20	Center	72
2 m	PA144-6-2-R	144 - 146	11.3 dBi	6	2.3 m	20 x 20	Rear	76
2 m	PA144-6-2-HDR	144 - 146	11.3 dBi	6	2.4 m	30	Rear	89
2 m	<a href="#">PA144-8-3</a>	144 - 146	12.7 dBi	8	3 m	30	Center	95
2 m	PA144-8-3-HDR	144 - 146	12.7 dBi	8	3.3 m	40	Rear	109
2 m	<a href="#">PA144-11-6</a>	144 - 146	15.3 dBi	11	6 m	40	Center	129
2 m	<a href="#">PA144-13-8</a>	144 - 145	16.1 dBi	13	8 m	40	Center	169
2 m	PA144-14-9	144 - 145	16.6 dBi	14	9 m	40	Center	195
2 m	<a href="#">PA144-18-12</a>	144 - 145	17.7 dBi	18	12 m	40	Center	249
<b>2 m / 70 cm Yagi</b>								
2 m 70cm	<a href="#">PA144-432-13-1.5</a>	144-146 430-440	10.5/11.8	13	1.5	12 x 18	Center	78
2 m 70cm	PA144-432-13-1.5R	144-146 430-440	10.5/11.8	13	1.8	20 x 20	Rear	91

### 70 cm Yagi

70 cm	<a href="#">PA432-5-0.7-R</a>	430 - 440	10.3 dBi	5	0.75 m	12 x 18	Rear	39
70 cm	<a href="#">PA432-6-1-R</a>	430 - 440	11 dBi	6	1 m	12 x 18	Rear	46
70 cm	<a href="#">PA432-8-1.1</a>	430 - 440	12.8 dBi	8	1.1 m	12 x 18	Center	52
70 cm	<a href="#">PA432-8-1.1-HDR</a>	430 - 440	12.8 dBi	8	1.25 m	20 x 20	Rear	59
70 cm	<a href="#">PA432-11-2</a>	430 - 440	15 dBi	11	2 m	20 x 20	Center	67
70 cm	<a href="#">PA432-11-2-HDR</a>	430 - 440	15 dBi	11	2.3 m	30 x 30	Rear	79
70 cm	<a href="#">PA432-14-3</a>	430 - 440	16.6 dBi	14	3 m	30 x 30	Center	95
70 cm	<a href="#">PA432-14-3-HDR</a>	430 - 440	16.6 dBi	14	3.3 m	40	Rear	109
70 cm	<a href="#">PA432-23-6</a>	432 - 436	19.3 dBi	23	6 m	40	Center	139
70 cm	<a href="#">PA432-29-8</a>	432 - 436	20 dBi	29	8 m	40	Center	196
70 cm	<a href="#">PA432-32-9</a>	432 - 436	21.2 dBi	32	9 m	40	Center	209
70 cm	<a href="#">PA432-42-12</a>	432 - 436	22.2 dBi	42	12 m	40	Center	259

### 23 cm Yagi

23 cm	<a href="#">PA1296-13-1R</a>	1280-1320	16 dBi	13	1 m	12 x 18	Rear	59
23 cm	<a href="#">PA1296-18-1.5R</a>	1280-1320	17.6 dBi	18	1.5 m	20 x 20	Rear	89
23 cm	<a href="#">PA1296-36-3RG</a>	1280-1320	20.4 dBi	36	3 m	20 x 20	Center	119
23 cm	<a href="#">PA1296-36-3UT</a>	1280-1320	20.4 dBi	36	3 m	20 x 20	Center	134
23 cm	<a href="#">PA1296-70-6RG</a>	1280-1320	23.2 dBi	70	6 m	30 x 20	Center	159
23 cm	<a href="#">PA1296-70-6UT</a>	1280-1320	23.2 dBi	70	6 m	30 x 20	Center	174

2.4 GHz Yagi Antenna		Frequency range (GHz)	Polarization	Gain	3 dB hor/vert. Beamwidth	Length	Price EUR
13cm	DY12	2.4 - 2.5	Vertical	12.8 dBi	48.1°/41.4°	0.45 m	27
13cm	DY16	2.4 - 2.5	Vertical	16.5 dBi	33° / 31°	0.63 m	33
13cm	DY19	2.4 - 2.5	Vertical	18.6 dBi	21.8° / 21°	0.88 m	39
13cm	DY21	2.4 - 2.5	Vertical	21 dBi	17.5° / 17.5°	1.37 m	46

2.4 GHz Sector Antenna		Frequency range (GHz)	Polarization	Gain	3 dB hor/vert. beamwidth	Height	Price EUR
13cm	Wide 1	2.4 - 2.5	Vertical	10.1 dBi	119° / 30°	0.25 m	39
13cm	Wide 2	2.4 - 2.5	Vertical	13.3 dBi	123° / 13°	0.55 m	57
13cm	Wide 3	2.4 - 2.5	Vertical	16.3 dBi	124° / 6°	1.03 m	85
13cm	Mid 1	2.4 - 2.5	Vertical	11.4 dBi	91° / 31°	0.3 m	44
13cm	Mid 2	2.4 - 2.5	Vertical	14.6 dBi	94° / 13°	0.6 m	62
13cm	Mid 3	2.4 - 2.5	Vertical	17.6 dBi	94° / 6°	1.1 m	89
13cm	Nar 1	2.4 - 2.5	Vertical	13.2 dBi	70° / 23°	0.35 m	49
13cm	Nar 2	2.4 - 2.5	Vertical	16.1 dBi	69° / 12°	0.65 m	69
13cm	Wide 2H	2.4 - 2.5	Horizontal	12.6 dBi	88° / 20°	0.45 m	52
13cm	Wide 3H	2.4 - 2.5	Horizontal	15.7 dBi	87° / 10°	0.75 m	79

5.8 GHz Sector Antenna		Frequency range (GHz)	Polarization	Gain	3dB hor/6dB hor/vert. beamwidth	Height	Price EUR
6 cm	<a href="#">SV13</a>	5.1 - 5.9	Vertical	13.2 dBi	121°/160°/17.5°	0.22 m	45
6 cm	<a href="#">SV16</a>	5.1 - 5.9	Vertical	15.9 dBi	120.5°/161°/8.6°	0.38 m	65
6 cm	<a href="#">SV19</a>	5.1 - 5.9	Vertical	19.3 dBi	120°/161°/4.2°	0.68 m	90
6 cm	<a href="#">SH13</a>	5.1 - 5.9	Horizontal	13.6 dBi	59° / 83° / 35.9°	0.19 m	45
6 cm	<a href="#">SH16</a>	5.1 - 5.9	Horizontal	16.5 dBi	60° / 84° / 14.3°	0.28 m	65
6 cm	<a href="#">SH19</a>	5.1 - 5.9	Horizontal	19.3 dBi	63° / 85° / 7.5°	0.45 m	90



5.8 GHz Omnidirectional Antenna		Frequency range (GHz)	Polarization	Gain	3 dB hor/vert. beamwidth	Height	Price EUR
6 cm	<a href="#">OV10</a>	5.1 - 5.9	Vertical	9.4 dBi	360° / 18.3°	0.22 m	45
6 cm	<a href="#">OV13</a>	5.1 - 5.9	Vertical	12.6 dBi	360° / 9.1°	0.38 m	65
6 cm	<a href="#">OV16</a>	5.1 - 5.9	Vertical	15.9 dBi	360° / 4.2°	0.68 m	90




Illuminator for standard satellite offset dish with f/d 0.5 - 0.8							Price EUR
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6 cm [Frequency Range 5.1 - 5.9 GHz. Illuminator diameter 40 mm. G = 10 dBi](#) 20

FM, GSM, 3G, SRD, Link, CDMA, PMR, TV and Other Antennas	Frequency range (MHz)	Free space forward gain	Elem.	Boom length	Boom diameter (mm)	Mount	Price EUR
FM Antenna "H" polarization	88 - 108	1 dBi	1		12 x 18	Rear	16
FM Antenna "V" polarization	88 - 108	2.15 dBi	1		12 x 18	Rear	16
FM Directional Antenna 3el.	88 - 108	7 dBi	3	1 m	12 x 18	Center	37
FM Directional Antenna 3elHD	88 - 108	7 dBi	3	1.4 m	20 x 20	Rear	49
FM Directional Antenna 5el.	88 - 108	10 dBi	5	2 m	12 x 18	Center	49
FM Transmitting Dipole	88 - 108	2.15 dBi	1		20 x 20	Rear	65
FM Transm.2 Way Stacked Dipole	88 - 108	5.1 dBi	2 x 1		20 x 20	Rear	149
FM Transm.4 Way Stacked Dipole	88 - 108	8 dBi	4 x 1		20 x 20	Rear	289
FM Transmitting Yagi 3elHD.	88 - 108	7 dBi	3	1.4 m	20 x 20	Rear	99
CDMA Antenna "Mini"	410 - 430	7.1 dBi	3	0.3 m	12 x 18	Rear	25
CDMA Antenna "Standard"	410 - 430	10.8 dBi	5	0.95 m	12 x 18	Rear	30
PMR 446 Antenna	446	10.8 dBi	5	0.95 m	12 x 18	Rear	30
TV channel antenna "Maxi2VHF" 175 - 230MHz	Any TV VHF channel	12.5 dBi		2 m	12 x 18	Center	29
TV antenna "Standard UHF"	470 - 865	15 dBi	5	1.2 m	12 x 18	Rear	20
TV channel antenna "Maxi2UHF" 470 - 865MHz	Any TV UHF channel	17.5 dBi		2 m	12 x 18	Center	27
SRD (Short Range Device)	868 - 870	13 dBi		0.75 m	12 x 18	Rear	26
GSM Antenna "Mini"	880 - 960	13.3 dBi		0.75 m	12 x 18	Rear	23
GSM Antenna "Standard"	880 - 960	15.2 dBi		1.2 m	12 x 18	Rear	29
GSM Antenna "Maxi2"	880 - 960	17.5 dBi		2 m	12 x 18	Center	39
Link Antenna "Standard"	1080 - 1200	13.3 dBi		1.2 m	12 x 18	Rear	29
Link Antenna "Maxi2"	1080 - 1200	19 dBi		2 m	12 x 18	Center	39

Radio Link Antenna	1525 - 1535	15.2 dBi	0.95 m	In radome	Rear	59
DCS-1800 GSM-1800 Antenna	1710 - 1880	17 dBi	0.8 m	In radome	Rear	49
PCS-1900 GSM-1900 Antenna	1850 - 1990	18 dBi	0.8 m	In radome	Rear	49
3G, UMTS, HSDPA antenna 3G18	1920 - 2170	18 dBi	0.8 m	In radome	Rear	39

Boom diameter (mm)	Element diameter	UV Resistant Element Holders - Insulators	Price EUR
12 x 18 (12mm)	4		1
Square 20 x 20	4		1
Square 20 x 20	5		1
Square 20 x 20	6		1
Square 30 x 30	4		1
Square 30 x 30	5		1
Square 30 x 30	6		1
Square 40 x 40	4		1
Square 40 x 40	5		1
Square 40 x 40	6		1
Round 30	4		1
Round 30	5		1
Round 30	6		1
Round 40	4		1
Round 40	5		1
Round 40	6		1

Boom diameter (mm)	Element diameter	UV Resistant Thick Element Holders - Insulators	Price EUR
Square 20 x 20	8		1.1
Square 30 x 30	8		1.1
Square 40 x 40	8		1.1
Round 30	8		1.1
Round 40	8		1.1
Square 20 x 20	10		1.1
Square 30 x 30	10		1.1
Square 40 x 40	10		1.1
Round 30	10		1.1
Round 40	10		1.1
Square 20 x 20	12		1.1
Square 30 x 30	12		1.1
Square 40 x 40	12		1.1
Round 30	12		1.1
Round 40	12		1.1

Boom diameter (mm)	Element diameter	UV Resistant Dipole Holders - Insulators		Price EUR
Square 20 x 20	8			6
Square 30 x 30	8		6	
Square 40 x 40	8		6	
Round 30	8		6	
Round 40	8		6	
Square 20 x 20	12		6	
Square 30 x 30	12		6	
Square 40 x 40	12		6	
Round 30	12		6	
Round 40	12		6	

Boom diameter (mm)	Element diameter	Frequency (MHz)	UV Resistant driven elements with sealed Aircell 7 balun, teflon "N" connector	Price EUR
2 m	12 x 18	8	144 Dipole length 990 mm	25
2 m	20 x 20	8	144 Dipole length 990 mm	25
2 m	Round 30	8	144 Dipole length 990 mm	25
2 m	Round 40	8	144 Dipole length 990 mm	25

Boom diameter (mm)	Element diameter	Frequency (MHz)	UV Resistant driven elements with sealed teflon RG142 balun, teflon "N" connector	Price EUR
70 cm	12 x 18	8	432 Dipole length 380 mm	30
70 cm	20 x 20	8	432 Dipole length 380 mm	30
70 cm	Round 30	8	432 Dipole length 380 mm	30
70 cm	Round 40	8	432 Dipole length 380 mm	30

50 Ohm Power divider (splitter) - Combiner		Connector	Return loss	Power rating	Price EUR
		(other frequencies on request. 7/16, "N", SO239, SMA, TNC male -female)			

#### 6 m

6 m	<a href="#">2-Way 50 MHz, 1/4 wl</a>	3 x SO239 female	< -23 dB	2 kW	76
6 m	<a href="#">2-Way 50 MHz, 1/4 wl</a>	3 x Teflon "N" female	< -23 dB	2 kW	80
6 m	<a href="#">4-Way 50 MHz, 1/4 wl</a>	5 x SO239 female	< -23 dB	2 kW	86
6 m	<a href="#">4-Way 50 MHz, 1/4 wl</a>	5 x Teflon "N" female	< -23 dB	2 kW	90

#### 4 m

4 m	<a href="#">2-Way 70 MHz, 1/4 wl</a>	3 x Teflon "N" female	< -23 dB	2 kW	60
4 m	<a href="#">4-Way 70 MHz, 1/4 wl</a>	5 x Teflon "N" female	< -23 dB	2 kW	74

#### 88-108 MHz Power Divider - Combiner

3 m	<a href="#">2-Way 88-108MHz, 1/4 wl</a>	3 x Teflon "N" female	< -20 dB	500 W	80
3 m	<a href="#">2-Way 88-108MHz, 1/4 wl</a>	7/16 DIN female 2 x "N"	< -20 dB	1 kW	105
3 m	<a href="#">4-Way 88-108MHz, 1/4 wl</a>	5 x Teflon "N" female	< -20 dB	500 W	90

3 m	<a href="#">4-Way 88-108MHz, 1/4 wl</a>	7/16 DIN female 4 x "N"	< -20 dB	2 kW	115
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### 2 m

2 m	<a href="#">2-Way 144 MHz, 1/4 wl</a>	3 x Teflon "N" female	< -23 dB	1.5 kW	50
2 m	<a href="#">2-Way 144 MHz, 1/4 wl</a>	7/16 DIN female 2 x "N"	< -23 dB	3 kW	75
2 m	<a href="#">2-Way 144 MHz, 1/2 wl</a>	3 x Teflon "N" female	< -23 dB	1.5 kW	65
2 m	<a href="#">2-Way 144 MHz, 1/2 wl</a>	7/6 DIN female 2 x "N"	< -23 dB	3 kW	90
2 m	<a href="#">3-Way 144 MHz, 1/4 wl</a>	4 x Teflon "N" female	< -23 dB	1.5 kW	57
2 m	<a href="#">4-Way 144 MHz, 1/4 wl</a>	5 x Teflon "N" female	< -23 dB	1.5 kW	60
2 m	<a href="#">4-Way 144 MHz, 1/2 wl</a>	5 x Teflon "N" female	< -23 dB	1.5 kW	75
2 m	<a href="#">4-Way 144 MHz, 1/4 wl</a>	7/16 DIN female 4 x "N"	< -23 dB	4 kW	85
2 m	<a href="#">4-Way 144 MHz, 1/2 wl</a>	7/16 DIN female 4 x "N"	< -23 dB	4 kW	100
2 m	<a href="#">6-Way 144 MHz, 1/2 wl</a>	7 x Teflon "N" female	< -23 dB	1.5 kW	89
2 m	<a href="#">6-Way 144 MHz, 1/2 wl</a>	7/16 DIN female 6 x "N"	< -23 dB	4 kW	114
2 m	<a href="#">8-Way 144 MHz, 1/2 wl</a>	9 x Teflon "N" female	< -23 dB	1.5 kW	103
2 m	<a href="#">8-Way 144 MHz, 1/2 wl</a>	7/16 DIN female 8 x "N"	< -23 dB	4 kW	128

### 70 cm

70cm	<a href="#">2-Way 432 MHz, 1/4 wl</a>	3 x Teflon "N" female	< -23 dB	1 kW	45
70cm	<a href="#">2-Way 432 MHz, 1/4 wl</a>	7/16 DIN female 2 x "N"	< -23 dB	2 kW	70
70cm	<a href="#">2-Way 432 MHz, 1/2 wl</a>	3 x Teflon "N" female	< -23 dB	1 kW	55
70cm	<a href="#">2-Way 432 MHz, 1/2 wl</a>	7/6 DIN female 2 x "N"	< -23 dB	2 kW	80
70cm	<a href="#">3-Way 432 MHz, 1/4 wl</a>	4 x Teflon "N" female	< -23 dB	1 kW	52
70cm	<a href="#">4-Way 432 MHz, 1/4 wl</a>	5 x Teflon "N" female	< -23 dB	1 kW	55
70cm	<a href="#">4-Way 432 MHz, 1/2 wl</a>	5 x Teflon "N" female	< -23 dB	1 kW	65
70cm	<a href="#">4-Way 432 MHz, 1/4 wl</a>	7/16 DIN female 4 x "N"	< -23 dB	4 kW	80
70cm	<a href="#">4-Way 432 MHz, 1/2 wl</a>	7/16 DIN female 4 x "N"	< -23 dB	4 kW	90
70cm	<a href="#">6-Way 432 MHz, 1/2 wl</a>	7 x Teflon "N" female	< -23 dB	1 kW	79
70cm	<a href="#">6-Way 432 MHz, 1/2 wl</a>	7/16 DIN female 6 x "N"	< -23 dB	4 kW	104
70cm	<a href="#">8-Way 432 MHz, 1/2 wl</a>	9 x Teflon "N" female	< -23 dB	1 kW	93
70cm	<a href="#">8-Way 432 MHz, 1/2 wl</a>	7/16 DIN female 8 x "N"	< -23 dB	4 kW	118

### 23 cm


23cm	<a href="#">2-Way 1296 MHz, 1/4 wl</a>	3 x Teflon "N" female	< -23 dB	600 W	45
23cm	<a href="#">2-Way 1296 MHz, 1/4 wl</a>	7/16 DIN female 2 x "N"	< -23 dB	1.2 kW	70
23cm	<a href="#">2-Way 1296 MHz, 1/2 wl</a>	3 x Teflon "N" female	< -23 dB	600 W	55
23cm	<a href="#">2-Way 1296 MHz, 1/2 wl</a>	7/6 DIN female 2 x "N"	< -23 dB	1.2 kW	80
23cm	<a href="#">3-Way 1296 MHz, 1/4 wl</a>	4 x Teflon "N" female	< -23 dB	600 W	52
23cm	<a href="#">4-Way 1296 MHz, 1/4 wl</a>	5 x Teflon "N" female	< -23 dB	600 W	55
23cm	<a href="#">4-Way 1296 MHz, 1/2 wl</a>	5 x Teflon "N" female	< -23 dB	600 W	65
23cm	<a href="#">4-Way 1296 MHz, 1/4 wl</a>	7/16 DIN female 4 x "N"	< -23 dB	2.4 kW	80
23cm	<a href="#">4-Way 1296 MHz, 1/2 wl</a>	7/16 DIN female 4 x "N"	< -23 dB	2.4 kW	90



23cm	<a href="#">6-Way 1296 MHz, 1/2 wl</a>	7 x Teflon "N" female	< -23 dB	600 W	79
23cm	<a href="#">6-Way 1296 MHz, 1/2 wl</a>	7/16 DIN female 6 x "N"	< -23 dB	3.6 kW	104
23cm	<a href="#">8-Way 1296 MHz, 1/2 wl</a>	9 x Teflon "N" female	< -23 dB	600 W	93
23cm	<a href="#">8-Way 1296 MHz, 1/2 wl</a>	7/16 DIN female 8 x "N"	< -23 dB	4 kW	118

<b>2.4 GHz Splitter - Combiner</b>		Frequency range (GHz)	Insertion loss	Connector	Return loss	Power rating	Price EUR
13cm	<a href="#">2 - Way</a>	2.2 - 2.7	< 0.4 dB	3 x "N"	< -18 dB	25 W	30
13cm	<a href="#">3 - Way</a>	2.2 - 2.7	< 0.5 dB	4 x "N"	< -18 dB	25 W	39
13cm	<a href="#">4 - Way</a>	2.2 - 2.7	< 0.5 dB	5 x "N"	< -18 dB	25 W	48

<b>5.8 GHz Splitter - Combiner</b>		Frequency range (GHz)	Insertion loss		Return loss	Power rating	Price EUR
6 cm	<a href="#">2 - Way</a>	4.7 - 6.3	< 0.5 dB	3 x "N"	< -20 dB	20 W	30
6 cm	<a href="#">3 - Way</a>	4.7 - 6.3	< 0.6 dB	4 x "N"	< -20 dB	20 W	39
6 cm	<a href="#">4 - Way</a>	4.7 - 6.3	< 0.7 dB	5 x "N"	< -20 dB	20 W	48

<b>4 kW and 6 kW HF Band Pass Filters</b>		Frequency range (MHz)	Insertion loss	Attenuation on nearest band	Max. power input	Price EUR
160m		<a href="#">1.8 - 2</a>	0.15 dB	35 - 55 dB	4 kW	199
80 m		<a href="#">3.5 - 4</a>	0.15 dB	35 - 55 dB	4 kW	199
40 m		<a href="#">7 - 7.3</a>	0.09 dB	35 - 55 dB	4 kW	199
20 m		<a href="#">14 - 14.35</a>	0.15 dB	35 - 55 dB	4 kW	199
15 m		<a href="#">21 - 21.45</a>	0.14 dB	35 - 55 dB	4 kW	199
10 m		<a href="#">28 - 29</a>	0.15 dB	35 - 55 dB	4 kW	199
40 m		<a href="#">7 - 7.3</a>	0.09 dB	42 - 60 dB	6 kW	339
20 m		<a href="#">14 - 14.35</a>	0.12 dB	42 - 60 dB	6 kW	339

<b>Band Pass Filters</b>						Price EUR
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<a href="#">144 - 146 MHz High Selectivity, High Q, Low Loss Bandpass EME Filter BPF 0.21dB</a>	89
<a href="#">144-146 MHz High Selectivity, High Q, Low Loss Bandpass EME Filter Outdoor 0.21dB</a>	95

<b>3.5 KW Wideband HF Stack Match 7 MHz - 28 MHz</b>		Price EUR
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<a href="#">Base Stack-Match. No switching. Both antennas always connected. "N" or SO239</a>	199
<a href="#">Stack-Match with Relay switching: upper, lower, both. Three position remote rotary switch included. "N" or SO239</a>	299
<a href="#">Stack-Match with Relay switching: upper, lower, both. Three position remote rotary switch included. 7/16DIN input connector.</a>	324

<b>Common Mode Chokes</b>		Price EUR
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<a href="#">Common mode choke - current balun 3.5 kW for low bands outdoor mounting "N" or SO239</a>	59
<a href="#">Common mode choke - current balun 1.5 kW for low band vertical antenna 160m 80m 40m</a>	49
<a href="#">Receiving common mode choke - very high common mode impedance up to 29 kOhm.</a>	59

<b>Ham Radio Preamplifiers</b>	Price EUR
<a href="#">VLNA 2m13 High IP3, Low Noise Wideband 50 -2304 MHz Preamplifier SPF-5122Z</a>	69
<a href="#">Terrestrial Low Noise TV Amplifier High IP3 Orion with 144 MHz Notch filter -20dB and High Pass filter 175 - 865 MHz. Blocks all HF, 50 MHz and 144 MHz signals.</a>	29
<a href="#">Power supply for Orion amplifier +12V, 500mA with power injector.</a>	16.5
<b>Ham Radio Equipment</b>	Price EUR
<a href="#">RFI TV interference filter from HF-50MHz amateur radio station</a>	30
<b>TV Terrestrial and Cable TV stuff</b>	Price EUR
Terrestrial Low Noise TV Amplifier High IP3 Orion, G=23dB. Vo (-60dB imd) 122 dBμV	15
Cable amplifier Orion 2+. 47 MHz - 865 MHz, G=18-25 dB. Vo (-60dB IMD) 121 dBμV	14.5
Cable amplifier Orion 2i. 47 MHz - 865 MHz, G=18-25 dB. Vo(-60dB IMD) 121 dBμV, Power Supply	25
Cable line amplifier Hercules 2+. 47 MHz - 865 MHz, G=12 dB, Vo(-60dB IMD) 121 dBμV	12.5
UHF Preamplifier Polifem. Low Noise, high overload resistance, G=17dB, NF=2.6 dB, Vo(-60 dB IMD) 117.5dBμV. Designed for installation in antenna.	10
Channel Preamplifier Master2. Very low noise, high gain. G=25dB, NF=1.9 dB, Vo(-60 dB IMD) 120dBμV. Any UHF TV channel by order. Mast mounted preamplifier.	18
Cable amplifier Titan1+. 47 MHz - 865 MHz, G=23dB flat. Vo (-60dB IMD) 121 dBμV. Slope and Gain regulation.	52
Cable amplifier Titan1+ with passive return path. 5-65MHz, 88-865 MHz, G=23dB flat. Vo (-60dB IMD) 121 dBμV. Slope and Gain regulation.	60
Cable amplifier Titan1+ with active return path. 5-65MHz, 88-865 MHz, G=17 dB return path, G=23dB forward. Vo (-60dB IMD) 121 dBμV. Slope and Gain regulation.	70
Cable amplifier Titan2+. 47 MHz - 865 MHz, G=34.5dB flat. Vo (-60dB IMD) 124.5 dBμV. Slope and Gain regulation.	65
Cable amplifier Titan2+ with passive return path. 5-65MHz G=-1dB, 88-865 MHz G=34.5dB flat. Vo (-60dB IMD) 124.5 dBμV. Slope and Gain regulation.	73
Cable amplifier Titan2+ with active return path. 5-65MHz G=17dB, 88-865 MHz G=34.5dB forward. Vo (-60dB IMD) 124.5 dBμV. Slope and Gain regulation.	83
Microprocessor controled TV Modulator "Lux". Switchable to any VHF, S, UHF channel. Vo=83dBμV, for up to 8 TV sets.	48
Microprocessor controled TV Modulator "Extra". Switchable to any VHF, S, UHF channel. Vo=98dBμV, for up to 32 TV sets direct from modulator.	58
Microprocessor controled TV Modulator "Super". Switchable to any VHF, S, UHF channel. Vo=105dBμV, for up to 64 TV sets direct from modulator.	65
2-Way active splitter AR2i. Divide TV signal on 2TV sets without loss. Gain up to 8dB.	28
2-Way active splitter with passive return path AR2Ci. Divide TV signal on 2TV sets without loss. Return path 5-65 MHz -4dB. Forward gain up to 8 dB.	35
3-Way active splitter AR3i. Divide TV signal on 3TV sets without loss. Gain up to 6dB.	31
4-Way active splitter AR4i. Divide TV signal on 4TV sets without loss. Gain up to 4dB.	35
5-Way active splitter AR5i. Divide TV signal on 5TV sets without loss. Gain up to 4dB.	39
6-Way active splitter AR6i. Divide TV signal on 6TV sets without loss. Gain up to 3dB.	43
7-Way active splitter AR7i. Divide TV signal on 7TV sets without loss. Gain up to 2dB.	46
8-Way active splitter AR8i. Divide TV signal on 8TV sets without loss. Gain up to 1dB.	50

Power Supply for mast mounted preamplifier +12V, 200mA with power inserter.	14
Power Supply for mast mounted preamplifiers +12V, 500mA with power inserter.	16.5
Channel filter - combiner. Intended to combine 2 or more TV antennas in different directions. Price depends on number of inside filters (from 2 to 15). Price for 2 filt.	14
VHF - UHF diplexer. Intended to combine one VHF and UHF antenna. Power pass on UHF side.	14
TV + Return path (5-65 MHz) - Radio diplexer. Intended to combine TV and radio roof antenna. Power pass on TV side.	16
TV - SAT diplexer. Intended to combine TV roof antenna and satellite dish antenna. Power pass on satellite side (13 - 18V).	10

### Mounting hardware

<a href="#">Zinc plated V-Bolt with serrated saddle. Mast up to 50 mm. Thread M6. Antenna up to 3 m.</a>	2
<a href="#">Zinc plated M6 square U-Bolt with serrated saddle. Mast up to 50 mm. For plastic boxes.</a>	2
<a href="#">Zinc plated "Goliath" mast mounting clamp. Nuts and bolts M8. Mast up to 70 mm.</a>	4.5
<a href="#">Zinc plated and coated. Mast mounting clamp "Big". M8. Boom/mast up to 70 mm.</a>	12.5
Square U-Bolt designed to hold square antenna boom 20x20mm. Thread M6	1.5
Square U-Bolt designed to hold square antenna boom 30x30mm. Thread M6	1.5
Square U-Bolt designed to hold square antenna boom 40x40mm. Thread M8	2.0
Square U-Bolt designed to hold square antenna boom 50x50mm. Thread M8	2.0
Square U-Bolt designed to hold square antenna boom 70x70mm. Thread M8	3.0
Square U-Bolt designed to hold square antenna boom 80x80mm. Thread M8	3.0
Square U-Bolt designed to hold square antenna boom 100x100mm. Thread M10	4.0
V-Bolt designed to hold round antenna boom 30 - 50mm. Thread M6	1.5
V-Bolt designed to hold round antenna boom 30 - 50mm. Thread M8	2.0
V-Bolt designed to hold round antenna boom 40 - 70mm. Thread M8	3.0
V-Bolt designed to hold round antenna boom 60 - 100mm. Thread M10	4.0

### Plastic boxes for outdoor mounting, IP63 protection

<a href="#">"DM" Usable inside dimensions 69 x 70 x 31</a>		2.0
<a href="#">"DP" Usable inside dimensions 97 x 83 x 34</a>		2.5
<a href="#">"DS" Usable inside dimensions 152 x 80 x 44</a>		3.0
<a href="#">"DB" Usable inside dimensions 220 x 110 x 65</a>		9.0

### Shipping cost to any EU country for small boxes up to 1.5m by Post of Serbia service "PostExport". Delivery time 10 - 20 days.

	Price EUR
< 1 kg	15
1 - 2 kg	20
2 - 5 kg	35
5 - 10 kg	46
10 - 15 kg	60
20 - 25 kg	90
25 - 30 kg	110

### Shipping cost to Asia and Africa for small boxes up to 1.5m by Post of Serbia service "PostExport". Delivery time 10 - 20 days.

	Price EUR
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< 1 kg	20
1 - 2 kg	28
2 - 5 kg	45
5 - 10 kg	75
10 - 15 kg	100
20 - 25 kg	160
25 - 30 kg	190

<b>Shipping cost to USA, Australia for small boxes up to 1.5m by Post of Serbia service "PostExport". Delivery time 10 - 20 days.</b>	<b>Price</b>
	<b>EUR</b>

< 1 kg	25
1 - 2 kg	30
2 - 5 kg	48
5 - 10 kg	80
10 - 15 kg	110
20 - 25 kg	170
25 - 30 kg	200

<b>Shipping cost to any EU country for boxes up to 2m by GLS:</b>	<b>Price</b>
	<b>EUR</b>

<=50 kg up to 0.24m3	105
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<b>Shipping cost to any EU country for boxes up to 2.4m by TNT:</b>	<b>Price</b>
	<b>EUR</b>

<=54 kg up to 0.24m3	165
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<b>Shipping cost to any WORLDWIDE country for boxes up to 2.5m by DHL Express. Delivery time 2 - 6 days.</b>	<b>Price</b>
	<b>EUR</b>

<= 3 kg	65
<= 5 kg	85
<= 10 kg	100
<= 15 kg	140
<= 20 kg	240
<= 25 kg	260
<= 30 kg	280
<= 40 kg	320
<= 50 kg	360
<= 70 kg	440
<= 100 kg	560

<b>Shipping cost to any EU country for boxes up to 3m by DHL freight:</b>	<b>Price</b>
	<b>EUR</b>

<=60 kg (HF antenna or large amount of VHF/UHF antennas)	220
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<b>Shipping cost to any EU country for boxes up to 4m by DHL freight:</b>	<b>Price</b>
	<b>EUR</b>

<=100 kg (Big HF antennas, or large amount of VHF/UHF antennas)	350
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**Import duties, taxes, and charges are not included in the item price or shipping cost.**

**R - Rear mount**

**HD - Heavy Duty**

**HDR - Heavy Duty Rear mount**

**RG - Balun made of RG-316 teflon cable**

**UT - Balun made of UT-141 teflon cable**