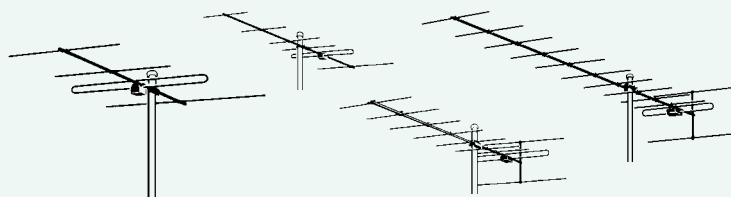


## Band antennas for VHF III

Type	FESA 4 BV	FESA 6 BV	FESA 10 BV	FESA 13 BV
Order No.	910 890-601	910 896-601	910 897-601	910 893-601

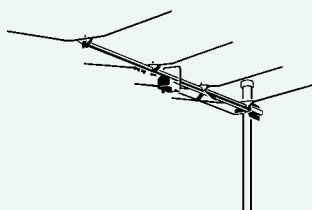


- For channels 5-12
- Can be mounted horizontally or vertically. Vertical mounting on TRAG 53 support only (see the section on mechanical accessories)
- Coaxial connection or symmetrical with screw clamp
- Suitable for DVB-T (B III)

Product Data	FESA 4 BV	FESA 6 BV	FESA 10 BV	FESA 13 BV
Channels	5-12	5-12	5-12	5-12
Gain	5.5 dB	7 - 8 dB	7.5 -10 dB	9 -11 dB
Front to back ratio	14 dB	16 dB	20 dB	23 dB
Angle of acceptance horizontal	60°	55°	50°	45°
Angle of acceptance vertical	95°	75°	63°	60°
Dipole length	0.53 m	1.02 m	1.68 m	2.51 m
Wind load horizontal	32 N	44 N	55 N	89 N
Wind load vertical	36 N	56 N	74 N	112 N
Mast diameter	max. 54 mm	max. 54 mm	max. 60 mm	max. 60 mm
Mast mount	Fixed	Fixed	Swiveling	Swiveling
Operating conditions				
Weight	0.6 kg	0.6 kg	1.1 kg	1.5 kg
Packing				
Individual packing dimensions wxhxd	18x97 cm	18x129 cm	28x106 cm	28x141 cm

## Channel antennas for VHF III, Super-Magneta

Type	FESA 309 ANK 5	FESA 309 ANK 6	FESA 309 ANK 7	FESA 309 ANK 8
Order No.	910 838-605	910 838-606	910 838-607	910 838-608



- Coaxial connection or symmetrical with screw clamps
- Swivel mast mounting for masts up to 60 mm diameter
- Can be mounted horizontally or vertically
- Completely pre-assembled
- Extremely high front to back ratio
- Low wind load
- Suitable for DVB-T

Product Data	FESA 309 ANK 5	FESA 309 ANK 6	FESA 309 ANK 7	FESA 309 ANK 8
Channels	5	6	7	8
Gain	9 dB	9 dB	9 dB	9 dB
Wind load vertical	54 N	52 N	50 N	49 N
Front to back ratio	23 dB	23 dB	23 dB	23 dB
Angle of acceptance horizontal	52°	52°	52°	52°
Angle of acceptance vertical	66°	66°	66°	66°
Dipole length	1.53 m	1.48 m	1.44 m	1.39 m
Wind load horizontal	32 N	31 N	30 N	29 N
Operating conditions				
Weight	1.34 kg	1.34 kg	1.34 kg	1.30 kg
Packing				
Individual packing dimensions wxhxd	112x15x11.5 cm	112x15x11.5 cm	112x15x11.5 cm	140x15x11.5 cm