



Frequency ranges	138-235MHz
Bandwith	6%
Impedance	50 Ω
VSWR	1,5:1
Polarisation	Vertical
Gain	3 dBd
E-plane 3 dB beamwidth	18°
H-plane 3 db beamwidth	-
Front to back ratio	-
Max continous power	100 W
RF-connector	N female
Rated Wind Velocity	193 km/h
Dimensions (H x W x D)	6000 x \varnothing 100 mm (Top 70 mm)
Weight	1,2 kg
Mounting diameter	\varnothing 32-51 mm pipe
Materials	Green tapered glass fibre tube
Options	-

V 000603

**VHF - antenner 108 - 174 MHz****Sigma CATC Collinear antenna 138-235 MHz**

Frequency band (MHz)	Model	Gain dBd	Centre frequency (MHz)	Approximate Length mm	Wind Loading (kg) at 193 km/h
138-147	CATC140	3	142,5	2630	8,2
142-152	CATC150	3	147,0	2630	8,2
147-157	CATC155	3	152,0	2630	8,2
152-163	CATC160	3	157,5	2630	8,2
158-168	CATC165	3	163,0	2630	8,2
163-174	CATC170	3	168,5	2630	8,2
169-179	CATC172	3	174,0	2630	8,2
173-183	CATC178	3	178,0	2630	8,2
177-188	CATC180	3	182,5	2630	8,2
182-193	CATC185	3	187,5	2630	8,2
187-198	CATC190	3	192,5	2630	8,2
192-202	CATC195	3	197,0	2630	8,2
196-208	CATC200	3	202,0	2630	8,2
202-214	CATC210	3	208,0	2630	8,2
208-221	CATC215	3	214,5	2630	8,2
214-227	CATC220	3	220,5	2630	8,2
221-235	CATC230	3	228,0	2630	8,2