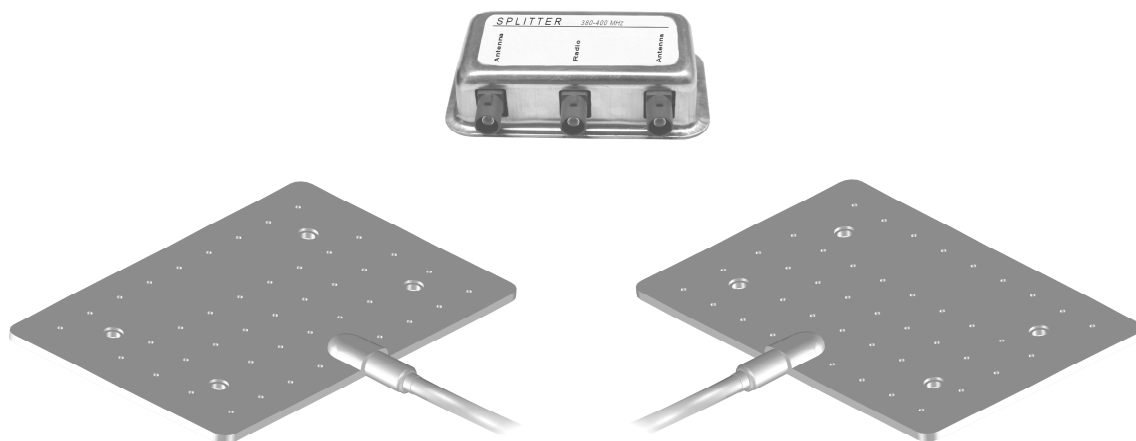


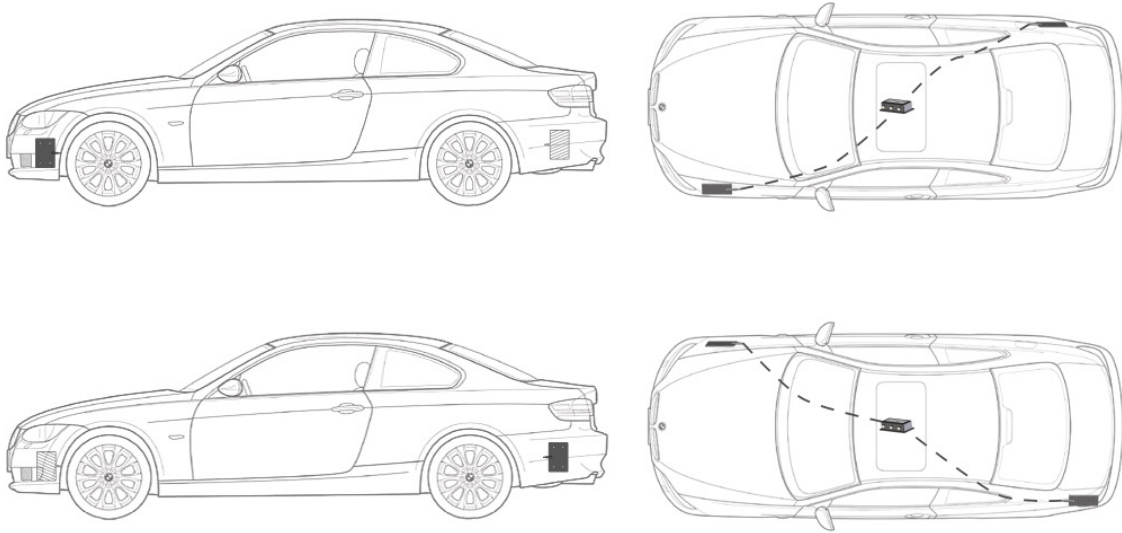
MODEL	SPECIFICATIONS
707020	
ANTENNA TYPE	TETRA/TETRAPOL Antenna molded in plastic for installation behind bumper of vehicle. Used for covert installations. Configuration is two antennas in opposite corners of vehicle, combined with a splitter.
FREQUENCY	380-400 MHz
IMPEDANCE	Nom. 50 Ohm
POLARISATION	Linear
GAIN	0 dBd
BANDWIDTH	See 'FREQUENCY'
VSWR	< 2.1
MAX. POWER	15 Watt
COLOUR	Black
DIMENSIONS	Approx. 146 x 95 x 4 mm
WEIGHT	Approx. 180 g
MOUNTING	Behind bumper of vehicle
MATERIAL	ABS, PE and PCB
INGRESS PROTECTION	IP-67

CABLE/CONNECTOR	5 m HF-50 with FAKRA (f) connector
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Common Bumper-Antenna vehicle mounting

This installation overview works with different car types.



Polarisation directions

According to your radio network (mostly vertical).

Vertical

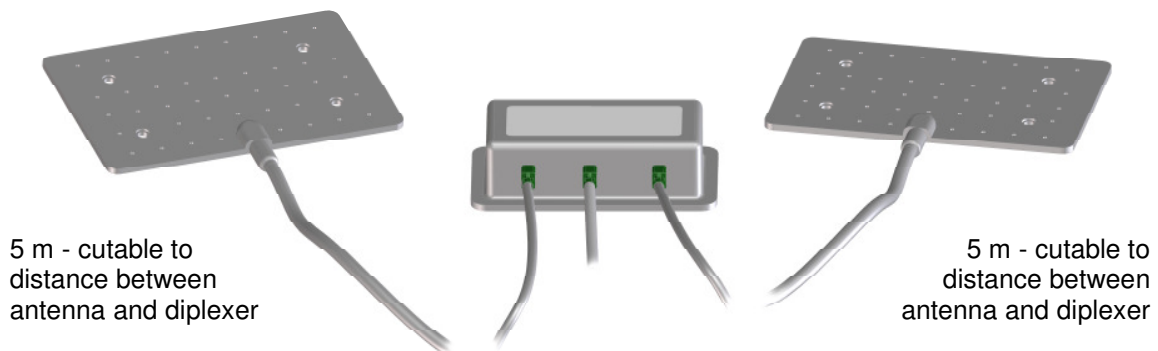


Horizontal

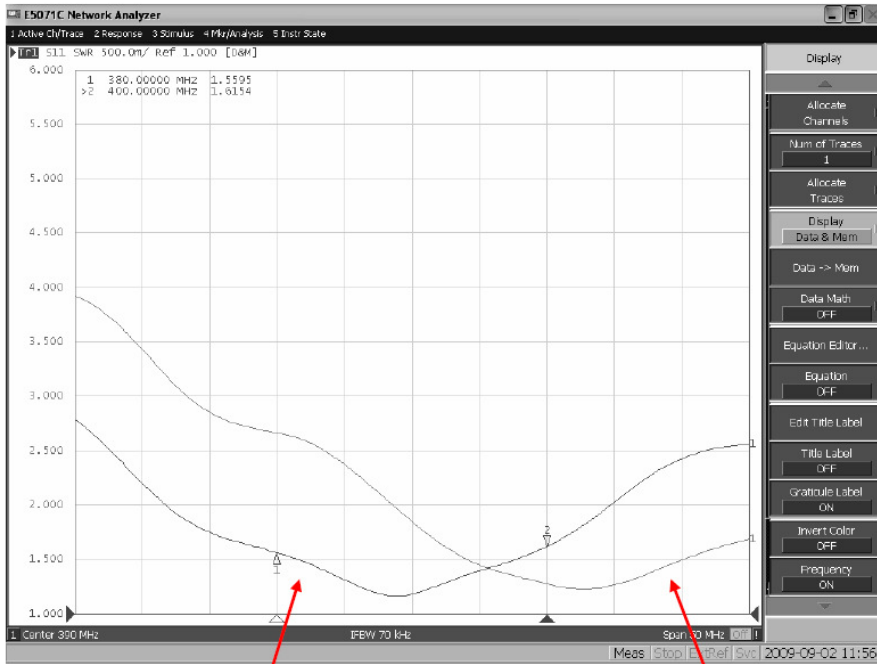


Cable management

2 x 5 m (antenna to diplexer), 1 x 2 m (diplexer to device) HF 50 Low Loss cable. Please cut the connection cable(s) according to your needs, to avoid unnecessary cable overflow. You can place the diplexer everywhere in the vehicle, within the length of the connection cables.



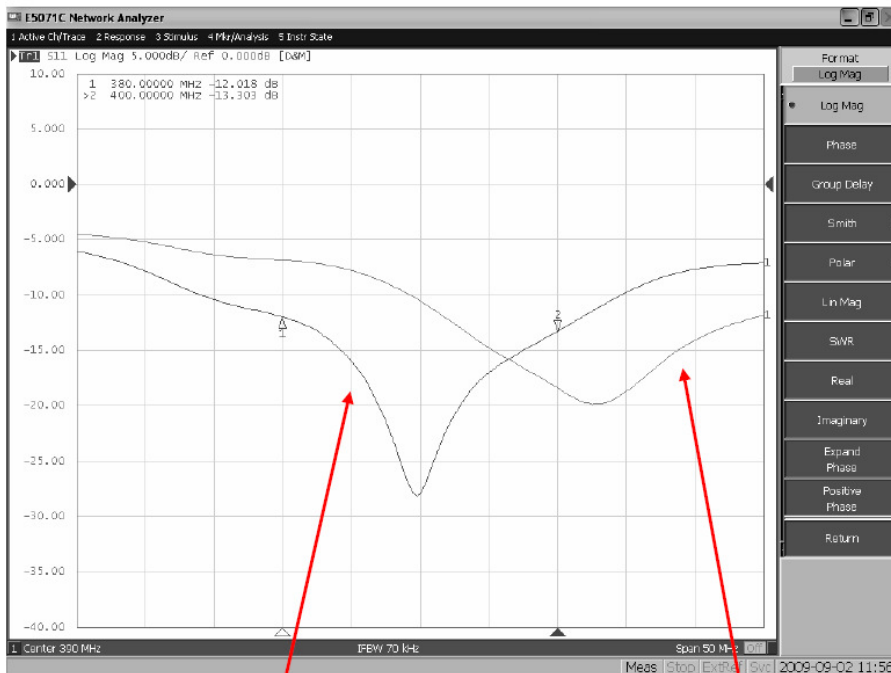
TETRA Bumper Antenna



MKR1 = 380 MHz
MKR2 = 400 MHz

VSWR of antenna when held against car bumper

VSWR of antenna when held in free space



MKR1 = 380 MHz
MKR2 = 400 MHz

Return loss of antenna when held against car bumper

Return loss of antenna when held in free space