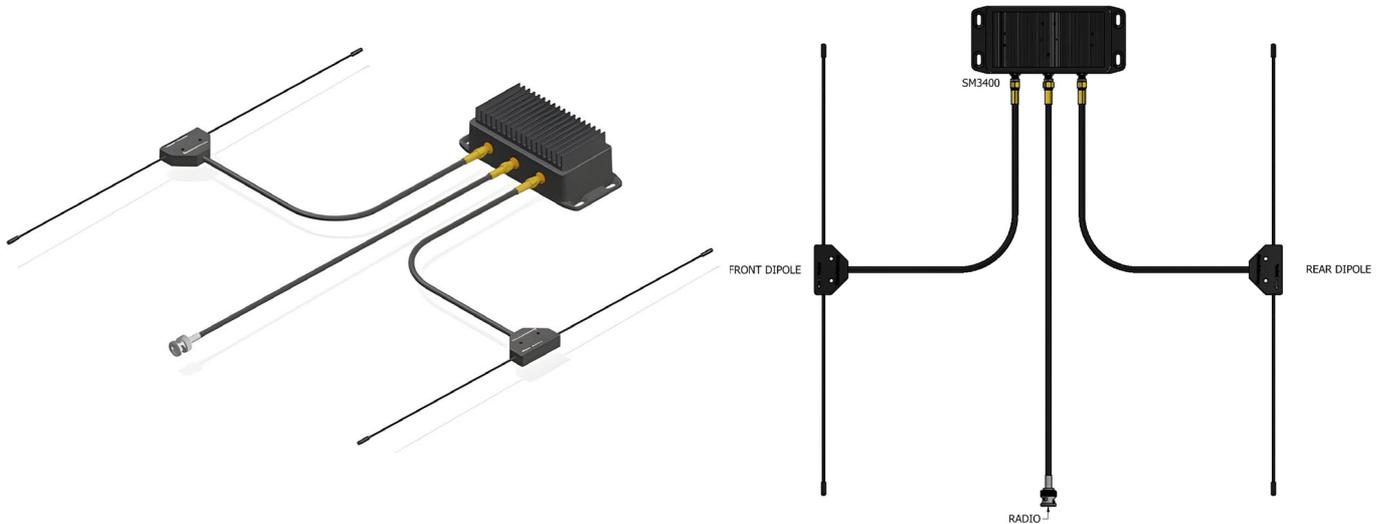


SA100705S1-4 Dipole Antenna



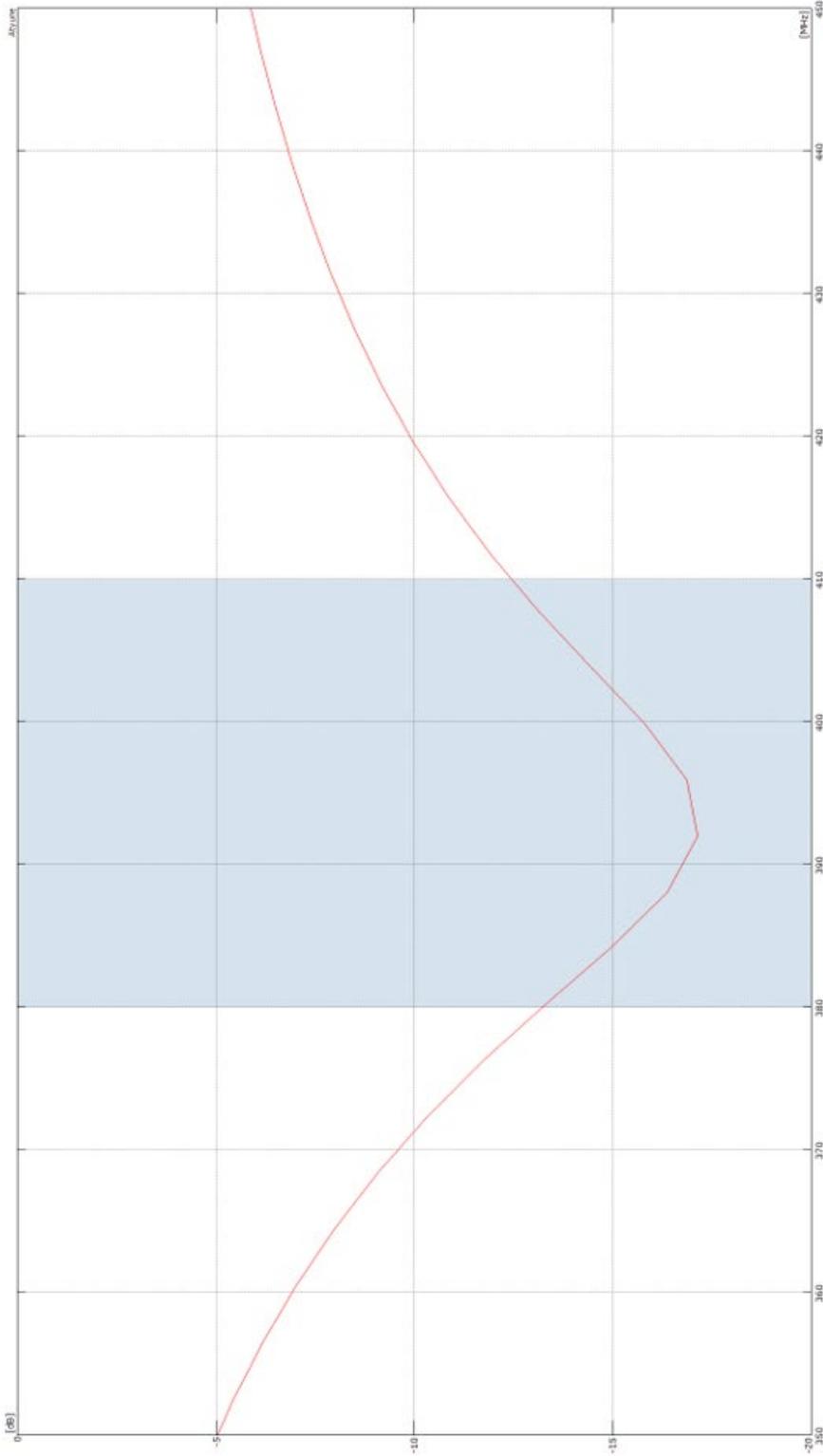
This antenna package is designed for **optimal performance in compact spaces**, supporting an **input power of up to 25W** and operating within the **TETRA frequency range of 380-410MHz**. It includes **two compact dipole antennas** and a phasing unit, offering a space-saving solution **without compromising efficiency**. Ideal for installations where space is limited, this package provides the flexibility to integrate antennas discreetly into **vehicle front and rear bumpers, rear parcel shelves, or motorcycle panniers**. Customisable with **various coaxial cable lengths** and termination options, this versatile setup ensures **seamless integration with existing systems**, meeting diverse installation needs. Additional port connections are available upon request.

Technical Specifications

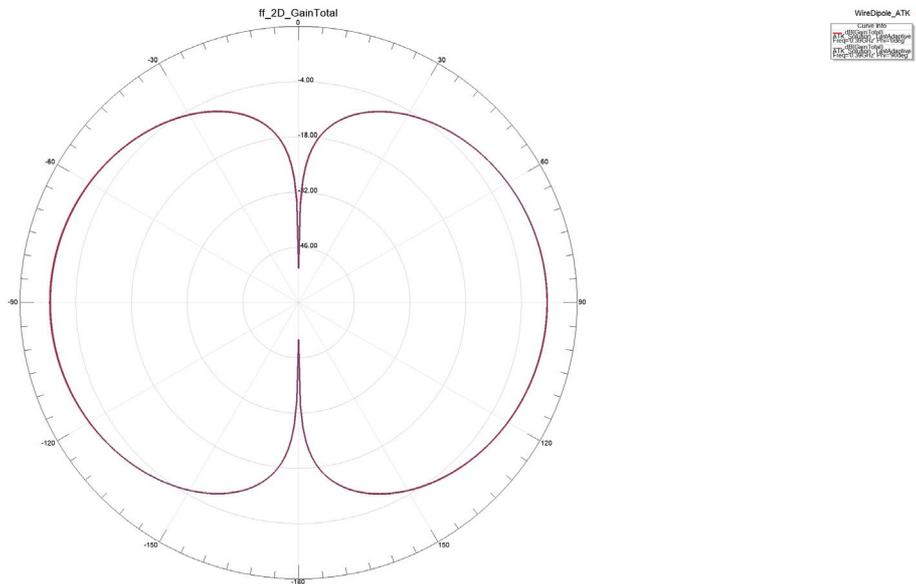
Part No.	SA100705S1-4
Electrical	
Band	TETRA
Frequency Range (MHz)	380-410 MHz
Input Power	50W
Gain*	2dBi
Polarisation	Linear
VSWR	< 2.5:1
Impedance	50Ω
Antenna Connection	SMA (m) 300mm SBC-100
Mechanical	
Dimensions (mm)	L340
Operating Temp (°C)	-40 / +80°C (-40° / 176°F)

*Gain calculated using HFSS. Subject to change.

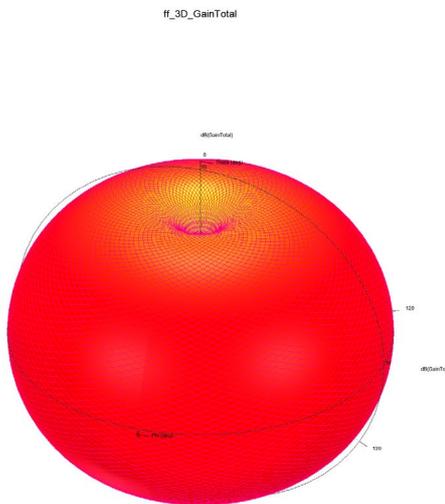
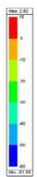
Return Loss



2D Gain



3D Gain



All graphs/diagrams subject to change.

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