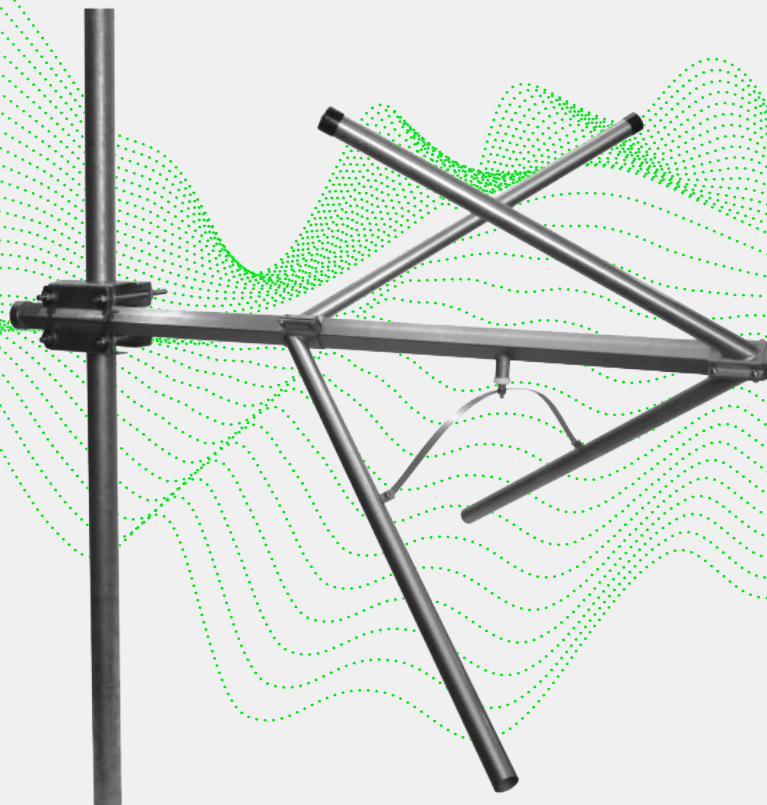


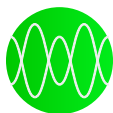
RFE

MAKING
BROADCAST
SMARTER

Circular Polarization RFK

ANTENNA SYSTEMS





RFE

MAKING
BROADCAST
SMARTER

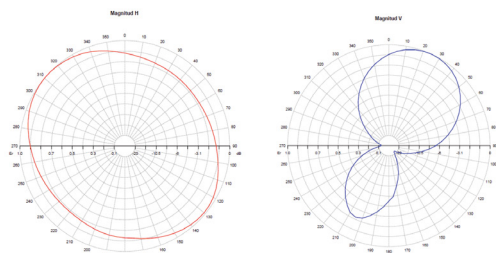
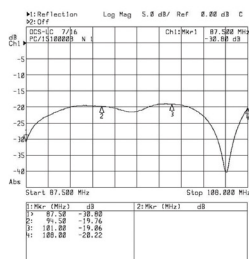
PRODUCT DESCRIPTION

Circular Polarization RFK



PRODUCT DESCRIPTION

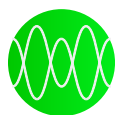
RFK is a folded dipoles antenna, with circular polarization and omnidirectional pattern. Its uniform coverage is excellent for shadows filling.



MAIN FEATURES

- Circular polarization folded dipoles
- Omnidirectional
- Uniform coverage
- Excellent for shadows filling
- Broadband 87.5-108 MHz
- Suitable for collinear stacks
- Robust construction in stainless steel
- Detachable for easy packing and shipping





GENERAL	Body and radiation elements	AISI 316 stainless steel
	Inside gears	silver plated marine brass
	Isolants	PTFE
	Mounting bracket	deep galvanized steel
	Screws	AISI 316 stainless steel
ELECTRICAL	Frequency	87.5-108 MHz
	VSWR	1.3:1 or better in whole band
	Gain	-1.1 dBd
	Free Space Circularity	1.8 dB
	Polarization	Circular
	Impedance	50 ohm
	Lightning protection	DC ground of all parts
INPUT CONNECTORS		RFK N: N Female
		RFK 716: DIN 716 Female
		RFK 78: EIA 7/8
		RFK 78-90: EIA 7/8 90°
MAX POWER		RFK N: 0.75 kW
		RFK 716: 2.3 kW
		RFK 7/8: 5.2 kW
MECHANICAL	Dimensions	120 x 113 x 146 cm
	Weight	16 kg
	Horizontal Wind surface	0.21 mq/ xy sqf
	Horizontal Wind load at 160 km/h (100 mph)	0.25 kN
	Max wind speed	240 km/h (150 mph) Easily assembled & disassembled
	Icing protection	radome available
SHIPPING PACKING	1 antenna packing	Dimensions 20cm x 20cm x 160cm. Weight: 18 kg

