

End-Fed $\frac{1}{2} \lambda$ Dipole Antenna with Universal FME-Connection System for Portable Equipment in the 70 cm Band

DESCRIPTION

- > A highly professional antenna in stainless steel material.
- > Full-size, end-fed $\frac{1}{2} \lambda$ antenna whip.
- > High gain and efficient decoupling from the portable equipment.
- > 3 dB gain (typ.) compared to a $\frac{1}{4} \lambda$ antenna whip on the same equipment.
- > Highest quality materials in an elegant design.
- > Delivered factory-tuned and tested to ensure minimum VSWR and optimum performance.
- > Provided with universal FME-connection system for optimum flexibility and easily exchangeable connectors.
- > Designed for use with the following of Procom's line of black FME-connectors (to be ordered separately): BFME-UHF, BFME-BNC, BFME-TNC, BFME-N, BFME-EBNC and BFME-ETNC.

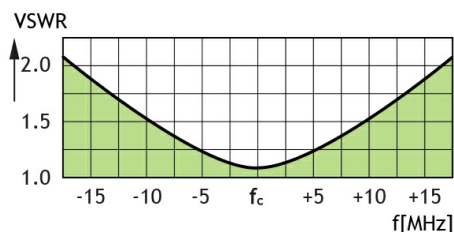
SPECIFICATIONS

Electrical	
Model	EFSS 70/...-FME
Frequency	70 cm band (380 - 470 MHz)
Antenna Type	Antenna for portable equipment
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
Gain	0 dBd / 2.15 dBi (3 dB compared to a $\frac{1}{4} \lambda$ portable antenna)
VSWR	< 1.5:1 @ f. res.
Bandwidth	≥ 30 MHz @ VSWR ≤ 2.0

Mechanical	
Connection(s)	FME(f) (Exchangeable BFME-connectors to be ordered separately)
Materials	Stainless steel Black-chromed brass
Colour	Black
Height	Approx. 340 mm / 13.39 in.
Weight	Approx. 0.05 kg / 0.11 lb.



Typical VSWR curve



Recommended BFME-Connectors



(To be ordered separately)

ORDERING

Model	Product No.	Frequency
EFSS 70/339-FME	140000730	324 - 354 MHz
EFSS 70/377-FME	140000731	362 - 392 MHz
EFSS 70/387,5-FME	140000732	372,5 - 402,5 MHz
EFSS 70/395-FME	140000733	380 - 410 MHz
EFSS 70/400-FME	140000734	385 - 415 MHz
EFSS 70/402-FME	140000735	387 - 417 MHz
EFSS 70/410-FME	140000736	395 - 425 MHz
EFSS 70/411-FME	140000737	396 - 426 MHz
EFSS 70/414-FME	140000738	399 - 429 MHz
EFSS 70/416-FME	140000739	401 - 431 MHz
EFSS 70/420-FME	140000740	405 - 435 MHz
EFSS 70/426,5-FME	140000741	411,5 - 441,5 MHz
EFSS 70/430-FME	140000742	415 - 445 MHz
EFSS 70/433-FME	140000743	418 - 448 MHz
EFSS 70/434-FME	140000744	419 - 449 MHz
EFSS 70/440-FME	140000745	425 - 455 MHz
EFSS 70/447-FME	140000746	432 - 462 MHz
EFSS 70/450-FME	140000747	435 - 465 MHz
EFSS 70/458-FME	140000748	443 - 473 MHz
EFSS 70/459-FME	140000749	444 - 474 MHz
EFSS 70/460-FME	140000750	445 - 475 MHz

