

End-Fed $\frac{1}{2} \lambda$ Dipole Antenna with Universal FME-Connection System for Portable Equipment in the 900 MHz

BESCHREIBUNG

- Flexible antenna made of steel wire covered with black silicone tubing.
- End-fed $\frac{1}{2} \lambda$ whip – groundplane independent.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 5 dB gain compared to a $\frac{1}{4} \lambda$ antenna whip on the same equipment.
- Highest quality materials in a long-lasting and durable design.
- Delivered factory tuned to customer specified frequency or cellular system.
- 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-BNC, BFME-TNC, BFME-N, BFME-MUHF, BFME-EBNC, BFME-ETNC and BFME-EMUHF.



SPEZIFIKATIONEN

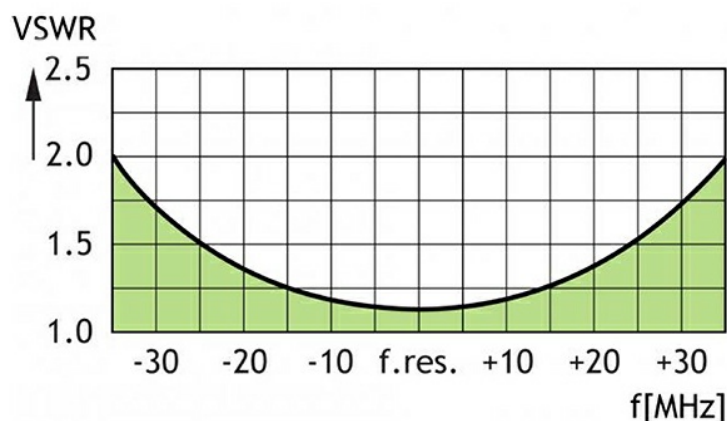
Elektrisch DE	
Modell	FLX 900/...-FME
Frequenz	900 MHz band (820 - 960 MHz)
Antennentyp	Endgespeiste $\frac{1}{2} \lambda$ Antenne f. tragb. Anwendungen
Max. Eingangsleistung	25 W
Polarisation	Vertikal
Impedanz	50 Ω
Gewinn	0 dBd / 2.15 dBi (3 dB bezogen auf eine $\frac{1}{4} \lambda$ Portabelantenne)
VSWR	< 1.3 @ Resonanzfrequenz
Bandbreite	≥ 70 MHz @ VSWR ≤ 2.0

Mechanisch DE	
Anschlussyp	FME(f) (Auswechselbare BFME-Adapter separat zu bestellen)
Materialien	Flexibler Stahldraht, Silikonummantelt schwarz verchromtes Messing
Farbe	Schwarz
Höhe	ca. 170 mm
Gewicht	ca. 0.025 kg

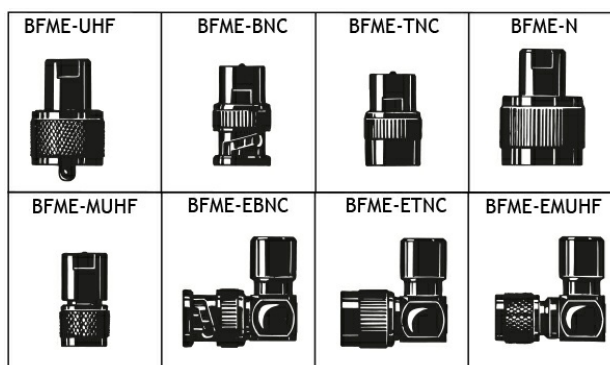
BESTELLUNG

Modell	Produkt Nr	Frequenz
FLX 900/855-FME(f)	140000259	820 - 890 MHz
FLX 900/870-FME(f)	140000260	835 - 905 MHz
FLX 900/925-FME(f)	140000263	890 - 960 MHz
FLX 900/855-SMA(m)	140000264	820 - 890 MHz
FLX 900/870-SMA(m)	140000268	835 - 905 MHz
FLX 900/925-SMA(m)	140000269	890 - 960 MHz

TYPISCHE VSWR VERLAUF



EMPFOHLENE BFME-ADAPTER



(separat zu bestellen)

BITTE BEACHTEN

Die FLX 900 ist ebenfalls mit SMA-Stecker oder verschiedenen, fest montierten Gewindeanschlüssen verfügbar (ohne FME-Adaptersystem). Informationen für diese speziellen Versionen auf Anfrage.