



# Elevated Feed Monopole (EFM)

2-45MHz | 5-32MHz | 28-45MHz

01

Data Sheet

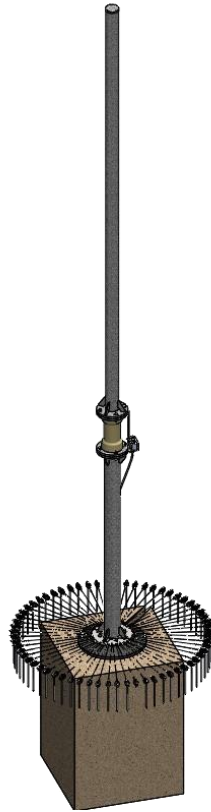


Figure 1 – Installed EFM245

The Lencom® 02-00902 Elevated Feed Monopole antenna range comprises specialist HF and VHF antennas primarily for receive.

Able to be used in either stand-alone or array configurations.

## Product Information

Lencom's Elevated Feed Monopoles have been designed for fixed station, multi-frequency operation. Monopole heights range from 3.2m to 6.4m with varying frequency ranges.

Vertically polarised, these monopole antennas have been designed by Lencom with 50:450 Ohm transformation ratios.

The available models include:

EFM245 – 2-45MHz

EFM532 – 5-32MHz

EFM2845 – 28-45MHz



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### Key Characteristics

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Polarisation	Vertical
Power Rating	Receive Transmit (100 Watts Avg. Max.)
Azimuth Pattern	Omnidirectional
Feed Point	Elevated Feed
Connector Type	'N'-Type
Transformer	50:450 Ohm Transformer (IP65 rated)
Monopole Height	EFM245 – 5.9m EFM532 – 6.4m EFM2845 – 3.2m
Wind rating	85 m/s
Monopole Construction	Hot dip galvanised steel
<b>Insulator</b>	Epoxy Composite
Hardware	Hot dip galvanised or stainless steel
Ground Screen	Depending upon application



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## Radiation Pattern

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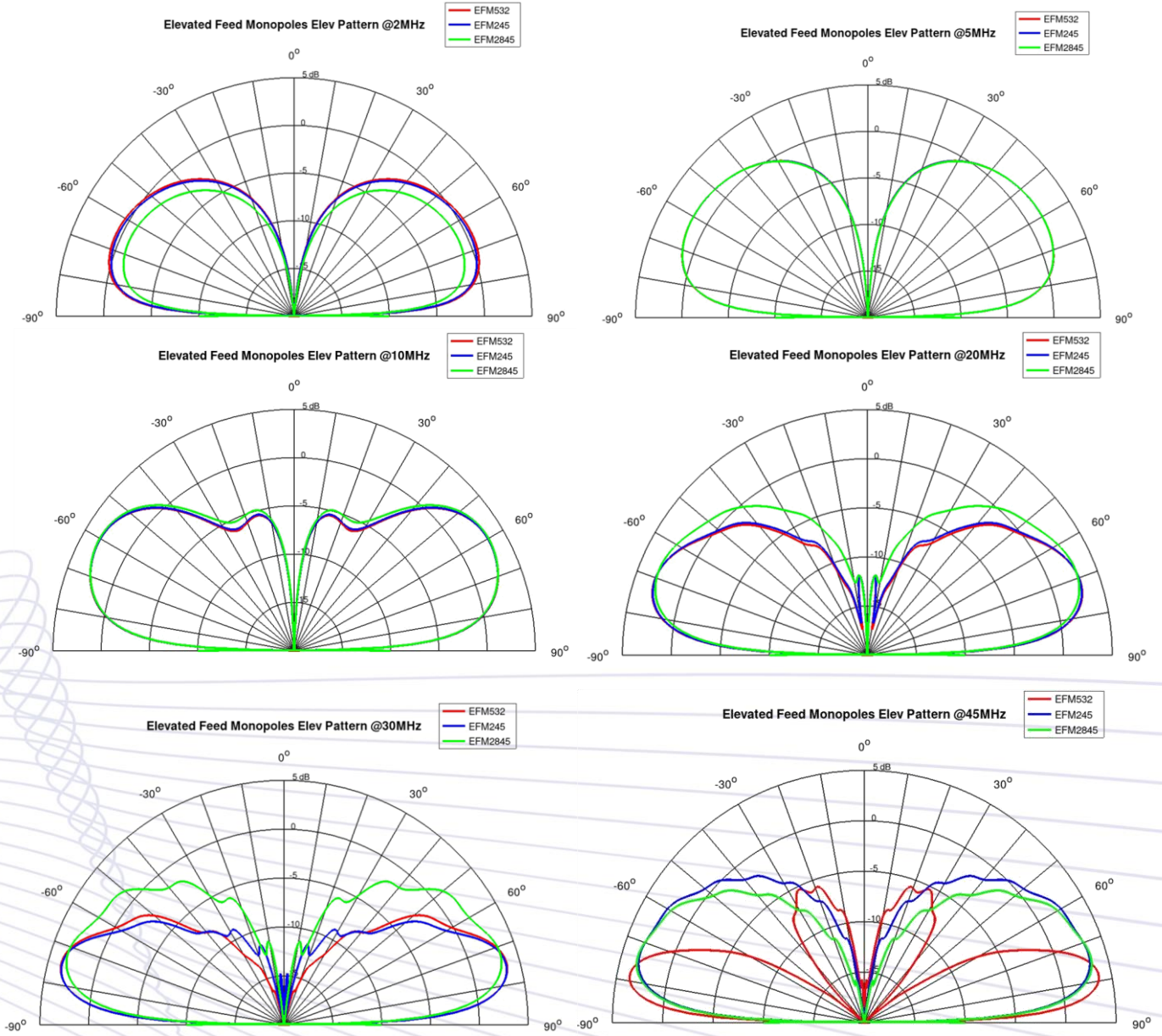


Figure 2 - Radiation Pattern of EFM532, EFM245, and EFM2845 at various frequencies.