

# Type 1038-903

HF Wire Wideband Dipole Antenna System  
2.5 MHz - 30 MHz

# COBHAM

1038-903-DS Issue 1

The most important thing we build is trust

The **1038-903 HF Wire Wideband Dipole Antenna System** is designed for use over the frequency range 2.5 MHz -30 MHz, for reception and transmission of powers up to 400 Watts (PEP) and for rapid deployment in the field.

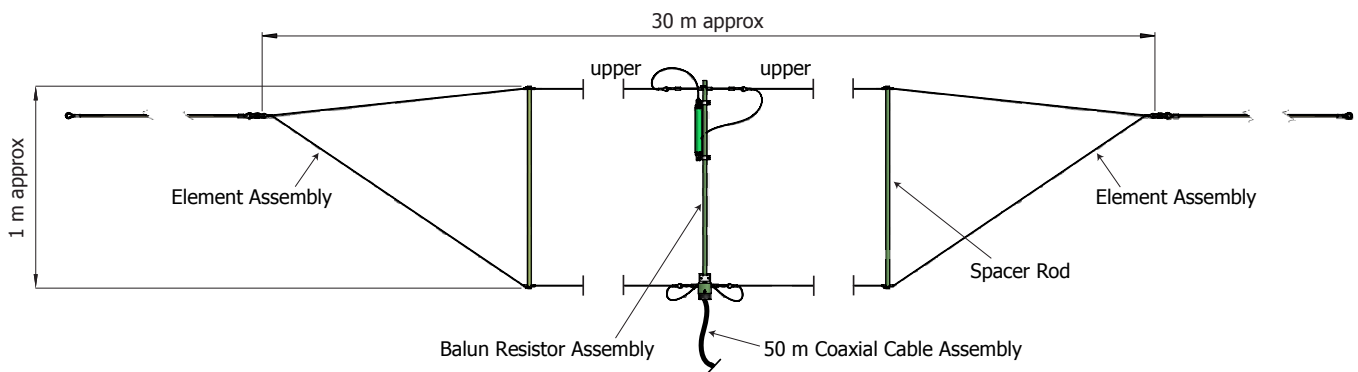
It is designed for use with two support masts to raise the folded dipole, which incorporates a balun transformer and load assembly, seven to nine metres above ground level.

## Electrical Specification

Frequency Range	2.5 MHz - 30 MHz
VSWR	< 2.5:1 subject to ground conditions
Impedance	50 Ohm unbalanced
Power Rating	400 W PEP
Connectors	
Balun	UHF Type Female
Feeder Cable	UHF Type Male / BNC Male

## Mechanical Specification

Element Span	30 m (approx)
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## Equipment

Equipment	Qty	Part Number
Element Assembly	2	1038-100
Central Rope Assembly	1	1038-104
Spacer Rod	2	1038-103
Balun Resistor Assembly	1	1038-102
Coax Cable Assembly (50 m RG213, UHF/BNC)	1	526-134
Handbook	1	1038-300

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