

2.4 Metre Folding Whip (Steel) HF / VHF

Type 843

Racal Antennas Limited has many years of experience in design, development and manufacture of manpack/portable antennas for the military user. They have been developed after consultation with military users and radio manufacturers worldwide.

The 843 series 2.4 metre whip antenna has been designed for manpack radio applications, with suitable radio antenna tuner unit, operating in the HF & VHF frequency bands. The whip sections are manufactured from copper plated steel tube sections. Each tube section is joined together by shock cord or elastic bungee with a combination of springs and ferrules. When the bottom section is held in the hand and the remaining sections are dropped the antenna will simply snap together ready for use.

The folding whip antenna is used in conjunction with a flexible assembly (commonly known as a gooseneck). The radio interface end of the gooseneck can be tailored to the radio manufacturers' bulkhead interface.

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| Electrical Specification | |
| Frequency Range | Radio Specific (No AMU supplied) |
| Polarisation | Vertical |
| Horizontal Radiation Pattern | Omnidirectional |
| Impedance | 50Ω |
| Radio Interface | 8mm A/F Male Hexagon (options available) |
| Mechanical Specification | |
| Height (Extended) | 2.4m |
| Height (Collapsed) | 0.32m |
| Weight | 0.65kg |
| Mounting Configuration | Directly to radio bulkhead connector/ interface |
| Environmental Specification | |
| Temperature | Operational -40°C to +70°C Storage -55°C to +85°C |
| Humidity | Up to 95% RH up to 55°C |



RACAL ANTENNAS LTD

First Avenue, Millbrook Trading Estate, Southampton, SO15 0LJ, United Kingdom
 tel: +44 (0) 2380 705705 • fax: +44 (0) 2380 701122 • sales@racalantennas.com • www.racalantennas.com
 Racal reserve the right to vary in detail from the description and specification in this publication.