

VHF 1.2 Metre Tape Antenna & Antenna Matching Unit (AMU) 30-88MHz

Type 834

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 834 series 1.2 metre tape antenna has been designed for manpack radio applications operating in the VHF 30-88MHz frequency bands. This type of antenna is more suited for combat conditions where physical restriction on the user and radio is not desirable. These antennas are constructed from a number of stainless steel tape elements, sheathed in a protective durable sleeving. The tape antenna is supplied with an antenna matching unit (AMU) and flexible assembly (gooseneck) to allow for operation in the standing or prone position. The radio interface end of the antenna matching unit can be tailored to the radio manufacturers' bulkhead interface.



Electrical Specification	
Frequency Range	30-88MHz
Polarisation	Vertical
Horizontal Radiation Pattern	Omnidirectional
Impedance	50Ω
Radio Interface	TNC Male
Mechanical Specification	
Height	1.2m
Weight	0.25kg
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

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