

Multiband VHF/UHF Mobile Antenna

VHF: 136-155 or 148-174 MHz, UHF: 378-520 / 698-960MHz

CD40 Series

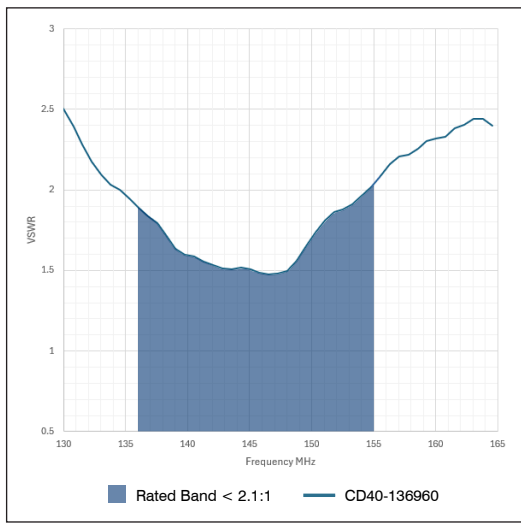


RFI's CD40 quadband ultra-wideband antenna supports multiband radio technology providing interoperability among emergency services and commercial radio across VHF and UHF radio frequencies. Providing outstanding performance across a broad UHF and VHF frequency range.

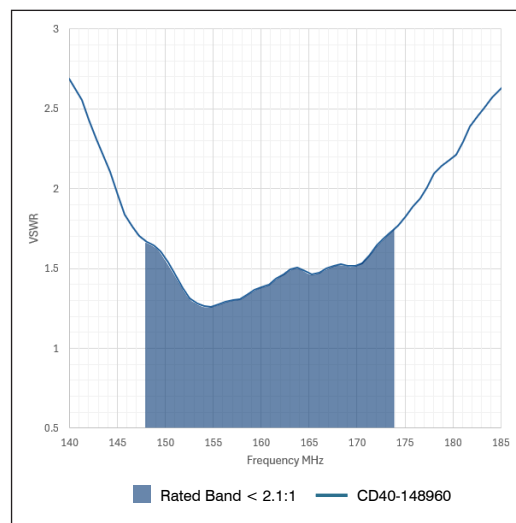
Key Features:

- VSWR < 2.0:1 across > 93.9% of the band
- VHF and UHF Multiband antenna
- High performance VHF 136-155MHz or 148-174MHz models
- Ultrawideband, covering UHF from 378-520MHz and 698-960MHz
- Full band, no turning required
- Exceptional pattern performance
- Ground Dependent

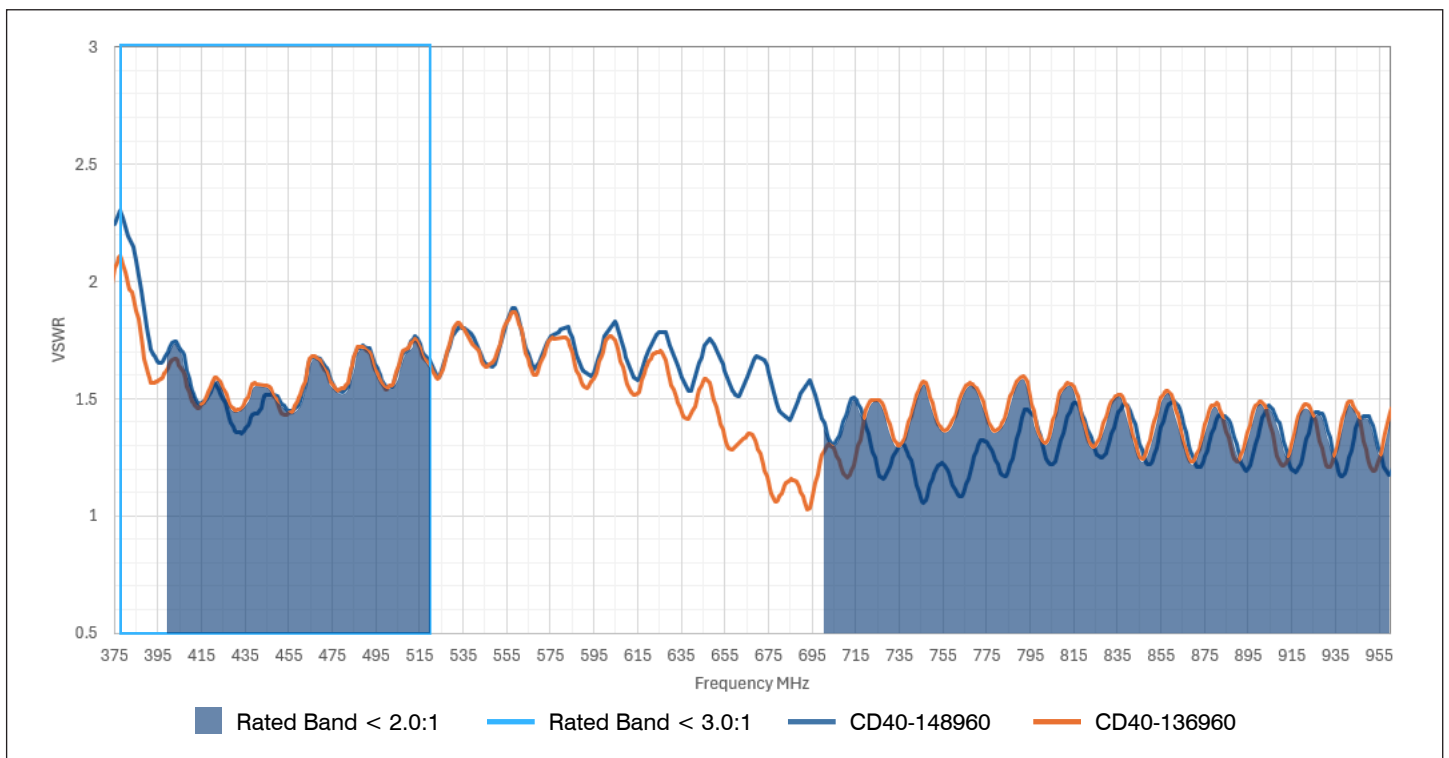
Typical VHF VSWR CD40-136960



Typical VHF VSWR CD40-148960



Typical UHF VSWR CD40-136960 & CD40-148960



Multiband VHF/UHF Mobile Antenna

VHF: 136-155 or 148-174 MHz, UHF: 378-520 / 698-960MHz

CD40 Series



Electrical Specifications

Model Number	CD40-136960-xx	CD40-148960-xx
Frequency MHz	136-155 / 378-520 / 698-960	148-174 / 378-520 / 698-960
VSWR (Return Loss)*	VHF 136 – 155 / 148 – 174: <2.1:1 UHF 378 – 400 MHz: <3.0:1 UHF 400 – 520 / 698 – 960 MHz: <2.0:1	
Average Gain dBi	VHF 136 – 155 / 148 – 174: 0.0 UHF 378-520MHz: 3.8 UHF 698-960MHz: 3.2	
Tuned Bandwidth	Full	
Power W	50	
Tuning	Supplied pre-tuned	

*Measured at the end of 5meters of shielded RG58 on a 1 x 1.5m ground plane

Mechanical Specifications

Model Number	CD40 Series
Mounting	NMO Base
Whip Material	Aluminium base with Flexible moulded whip
Whip Length mm	CD40-136960: 310 CD40-148960: 267
Total Height mm	CD40-136960: 530 CD40-148960: 487
Diameter	55 Ø
Versions	-11 NMO whip only -43 NMO with base and 5M of cable