



Flexible-dipole

Super flexible coaxial sidemount dipole

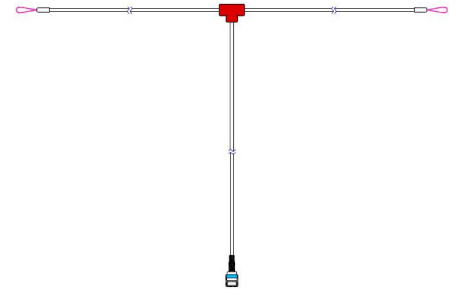
VHF/FM Radio 70-108 MHz or VHF High band 148-174 MHz



The Flexible dipole is a super flexible coaxial sidemount dipole specifically designed and manufactured for low power transmit and receive between 70-108.5MHz.

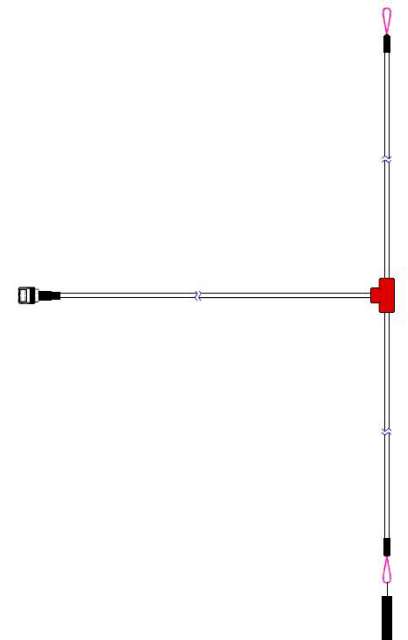
The flexible dipole is ideal for indoor or outdoor receive and very low power transmit, with easy to mount suspension loops and the ability to be coiled up when not in use.

Coaxial feeder cable, adaptors, water-proofing and other installation accessories are all available separately.



Horizontally mounted

| SKU | Flexible-dipole | Flexible-dipole-VHF |
|----------------------------|---|---|
| Construction | Black coaxial cable, moulded central join and termination | |
| Frequency range | 70-108 MHz - VHF & FM Radio | 148-174 MHz - VHF high band |
| Bandwidth | Specify centre frequency and 3% bandwidth | Specify 5 MHz when ordering |
| Tuning | Factory | |
| VSWR | <1.5:1 | |
| Gain | 0 dBd - unity | |
| Maximum power | 25 Watts | |
| Impedance | 50 Ohms | |
| DC grounding | Yes | |
| Polarisation | Horizontal or vertical as required - for vertical mounting, a weight is required to ensure straight arms | |
| H Plane | 360° omnidirectional ± 0.5 dBd | |
| Cable tail | 1500mm RG58 MIL-SPEC | |
| Connector | N-type female fitted as standard - or specify | |
| Dimension at 70MHz | 2100mm - will reduce at higher frequency | 950mm - will reduce at higher frequency |
| Weight | 1.0kg | |
| Mounting hardware | 2 x suspension loops on end of arms | |
| Mounting position required | Ensure the arms of the flexible dipole are out-stretched and not coiled up. Coiled arms will cause loss in performance. | |



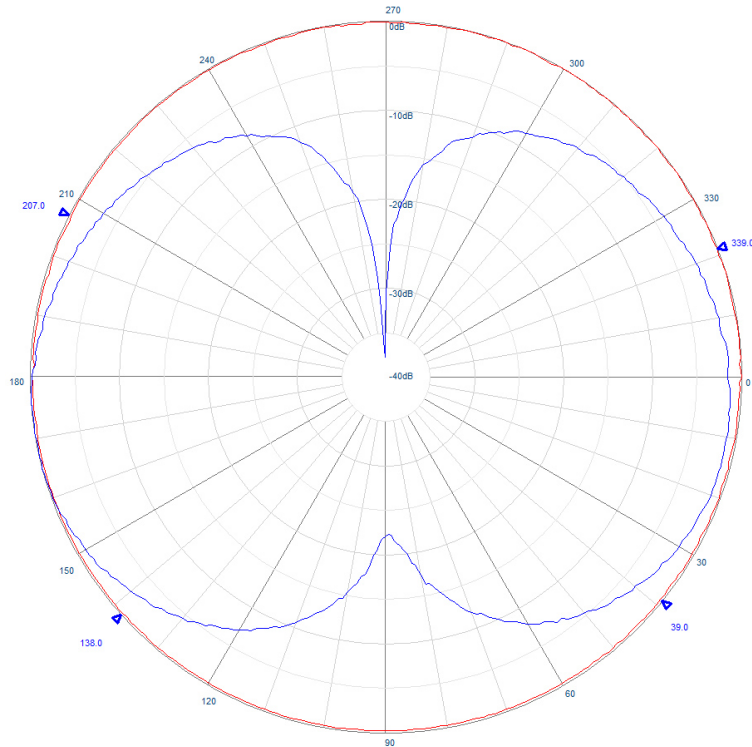
Vertically mounted with weight attached - not included



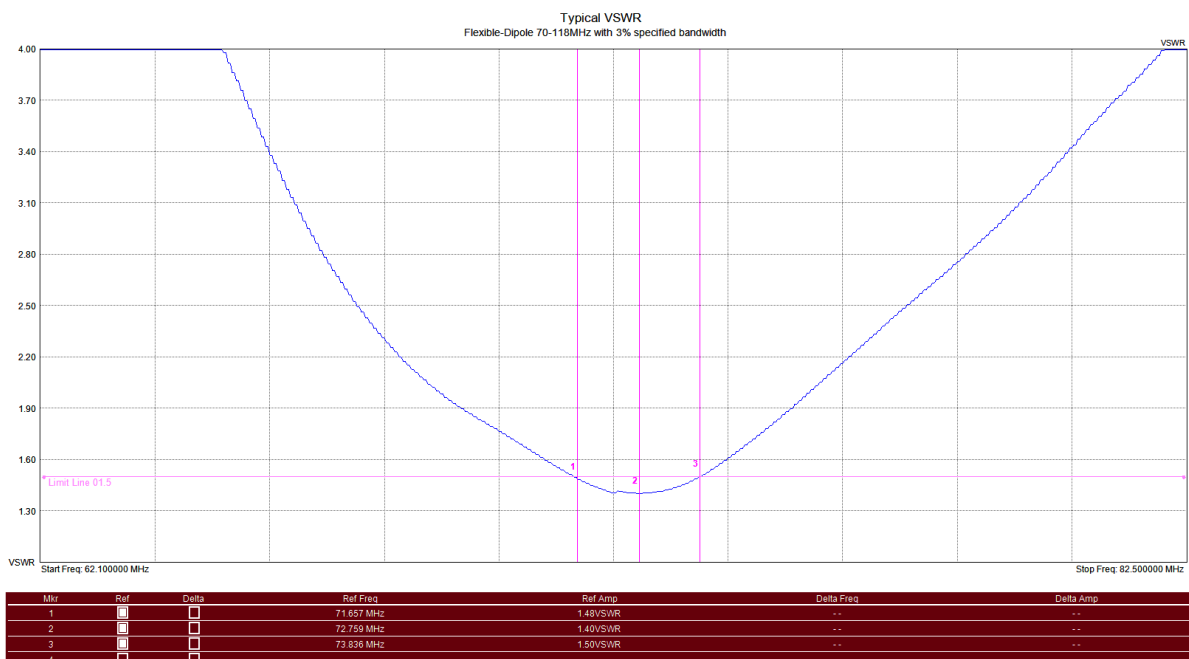
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Example radiation pattern



Typical VSWR - Flexible-dipole

