

## Broadband Terminated Folded Dipole

The versatile Broadband TFD (Terminated Folded Dipole) series is a range of simple yet powerful wide-band folded dipoles designed to excel in diverse applications and scenarios.

The series, centred around the TFDDB 150 Watt antenna, includes higher power, economy, and banded versions, offering a solution tailored to your specific needs. The economy and banded options are perfect for space-constrained environments where operation at lower frequencies is not required.

The TFD series is expertly designed to complement modern VSWR sensitive transceivers, ensuring excellent VSWR across the operational frequency range. Experience rapidly increasing efficiency from 5 MHz upwards, guaranteeing optimal performance.



| Model Number     | Frequency range | Bandwidth | Power rating | SWR               | Impedance | Polarisation |
|------------------|-----------------|-----------|--------------|-------------------|-----------|--------------|
| TFDBBE           | 2.5 to 30MHz    | Broadband | 250W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFDBBIK          | 2.5 to 30MHz    | Broadband | 1kW          | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFDBB/400        | 2.5 to 30MHz    | Broadband | 400W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFDBB/1K/2MHz    | 2 to 30MHz      | Broadband | 1kW          | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFDBB            | 2.5 to 30MHz    | Broadband | 150W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFD/RTX-05BBE/A  | 5.5 to 30MHz    | Broadband | 250W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFD/RTX-05BBE/B  | 7.5 to 30MHz    | Broadband | 250W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFD/RTX-05BBE/C  | 10 to 30MHz     | Broadband | 150W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFD / RTX-05BB/A | 5.5 to 30MHz    | Broadband | 150W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFD / RTX-05BB/B | 7.5 to 30MHz    | Broadband | 150W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFD-400T         | 2.5 to 30MHz    | Broadband | 400W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFD-1KT          | 2.5 to 30MHz    | Broadband | 1kW          | Better than 2.5:1 | 50 Ohm    | Horizontal   |
| TFD-150T         | 2.5 to 30MHz    | Broadband | 150W         | Better than 2.5:1 | 50 Ohm    | Horizontal   |

| Model Number     | Antenna elements                | Footprint             | Mast Requirements                            | Input Connector | Cable            | Options |
|------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------|------------------|---------|
| TFDBBE           | Hard drawn stranded copper wire | 30m excluding masts   | One – Inverted and Slope; Two for Horizontal | SO239           | UR67 x 30m PL259 | No coax |
| TFDBB1K          | Stainless steel stranded wire   | 30m excluding masts   | One – Inverted and Slope; Two for Horizontal | N type          | UR67 x 30m P259  | -       |
| TFDBB/400        | Stainless steel stranded wire   | 30m excluding masts   | One – Inverted and Slope; Two for Horizontal | SO239           | UR67 x 30m P259  | No coax |
| TFDBB/1K/2MHz    | Stainless steel stranded wire   | 38m excluding masts   | One – Inverted and Slope; Two for Horizontal | N type          | UR67 x 30m P259  | -       |
| TFDBB            | Hard drawn stranded copper wire | 30m excluding masts   | One – Inverted and Slope; Two for Horizontal | SO239           | UR67 x 30m P259  | No coax |
| TFD/RTX-05BBE/A  | PVC coated Kevlar               | 18.5m excluding masts | One – Inverted and Slope; Two for Horizontal | SO239           | Not Included     | Coax    |
| TFD/RTX-05BBE/B  | Hard drawn stranded copper wire | 13.5m excluding masts | One – Inverted and Slope; Two for Horizontal | SO239           | Not Included     | Coax    |
| TFD/RTX-05BBE/C  | Hard drawn stranded copper wire | 10m excluding masts   | One – Inverted and Slope; Two for Horizontal | SO239           | UR67 x 30m PL259 | No coax |
| TFD / RTX-05BB/A | Hard drawn stranded copper wire | 18.5m excluding masts | One – Inverted and Slope; Two for Horizontal | SO239           | UR67 x 30m PL259 | No coax |
| TFD / RTX-05BB/B | Hard drawn stranded wire        | 13.5m excluding masts | One – Inverted and Slope; Two for Horizontal | SO239           | UR67 x 30m PL259 | No coax |
| TFD-400T         | PVC coated Kevlar               | 29m excluding masts   | One – Inverted and Slope; Two for Horizontal | N Type          | -                | -       |
| TFD-1KT          | PVC coated Kevlar               | 29m excluding masts   | One – Inverted and Slope; Two for Horizontal | N Type          | RG58 x 10m       | -       |
| TFD-150T         | PVC coated Kevlar               | 29m excluding masts   | One – Inverted and Slope; Two for Horizontal | N Type          | RG58 x 10m       | -       |