

Hills Antenna & TV Systems



TRU-SPEC™ Antennas

The TruSpec series of Yagi antennas have been developed by Hills Antenna & TV Systems for reception of terrestrial digital TV signals.

The TruSpec Yagis incorporate the Hills BoomLock™ manufacturing technology (patent pending), which ensures the robust 8mm antenna elements are securely bonded to the boom without the need for fasteners.

The F type balun is enclosed in an ultrasonically welded housing that is UV stabilised and excludes water ingress. This design ensures the antenna will continue to perform in the harshest environments for many years.

A folding reflector bracket allows for quick and safe installation to the mounting pole.

Features

- Precise antenna specifications within the desired UHF frequency band
- BoomLock™ manufacturing technology – patent pending
- Folding reflector bracket for easier installation
- Ultrasonically sealed balun housing for maximum reliability
- PCB balun for true matching and lowest insertion loss
- Strong and lightweight aluminium construction

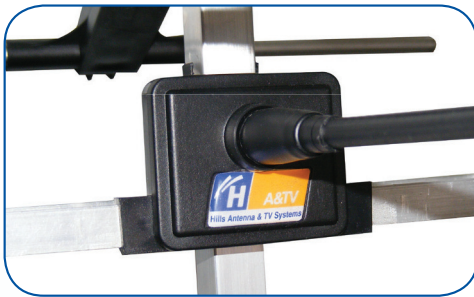
Support Brace



FB607251 - Centre Support Brace



FB607252 - Cantilever Support Brace



Specifications

Model	TSP2869	TSF2869	TSP2851	TSF2851	TSM2851	TSF2839	TSF2833	TSF3869
Product Code	FB608573	FB608574	FB608580	FB608581	FB608590	FB608575	FB608589	FB608584
Channel Range	28-69	28-69	28-51	28-51	28-51	28-39	28-33	38-69
Frequency Range (MHz)	526-820	526-820	526-694	526-694	526-694	526-610	526-568	603-820
Gain (dB)	8-13	9-15	9-14	9.5-16	9.5-15	10-14	11-14	10-14
Boom Length (mm)	970	1455	1155	1792	1465	1455	1465	1165
Impedance	75 Ω							
Return Loss (dB)	> 10							
Balun	PCB							
Connector	F Type							
Material (antenna)	Corrosion resistant aluminium							
Boom	17mm x 17mm							
Material (clamp)	Galvanised steel							

*Note: Specifications are subject to change without notice