

Digitel

BY HILLS ANTENNA
& TV SYSTEMS

Experience the **Digitel** advantage with a range of analogue and digital VHF antennas to improve your television performance.

Digitel antennas combine a 'F' Type connection for superior screening with wider bandwidth for analogue and digital television reception. High quality galvanized steel booms are used to create an antenna with maximum strength and greater resistance to corrosion.

Digitel antennas are available in two series:

- **DL** for Wide band VHF reception, and
- **DY** for Band 3 VHF reception.

Features of the Digitel range are:

- Rectangular galvanized steel boom provides excellent element alignment*
- Powder coated for longer life and improved aesthetics
- Solid rivet construction for durability
- Heavy duty extruded elements
- Clam shell insulators ensure positive element locking**
- Integral weather proof balun housing with captive lid
- Long life UV stabilised plastic insulators
- F Type connections ensures greater screening and consistency of connection
- Fewer fixings for easier installation
- Digital and analogue compability to keep you and your customers in touch with tomorrow.



DIGITEL DL1



DIGITEL DL2



DIGITEL DL3



DIGITEL DL4



DIGITEL DY4



DIGITEL DY6



DIGITEL DY10



DIGITEL DY10

Digital Antenna Construction and Packaging

	DL1	DL2	DL3	DL4	DY4	DY6	DY10	DY14
Heavy duty elements								
15 by 15 Aluminium Boom					✓	✓		
15 by 30 Galvanised steel boom	✓	✓	✓	✓			✓	✓
Powder Coat	✓	✓	✓	✓	✓	✓	✓	✓
F-Type Connection	✓	✓	✓	✓	✓	✓	✓	✓
PCB Balun	✓	✓	✓	✓				
Ferrite Balun					✓	✓	✓	✓
Polysleeve Bag					✓	✓	✓	✓
Carton	✓	✓	✓	✓				

Digital Antenna Electrical Performance

	CHANNELS	GAIN	F-B RATIO	VSW (Typical)	Designed Use
DIGITAL DL ANTENNA					
DL1	0-12	3-6	10-12	2:1	Prime Reception Locations
DL2	0-12	3.5-7.5	11-13	2:1	Outer Prime Reception Locations
DL3	0-12	4-10	11-16	2:1	Inner Fringe Reception Locations
DL4/EFC5	0-12	5-11	14-17	2:1	Fringe Reception Locations
DIGITAL DY ANTENNA					
DY4	6-12	5-7	14-15	2:1	Prime Reception Locations
DY6	6-12	6-8	15-17	2:1	Outer Prime Reception Locations
DY10	6-12	8-11	20-26	2:1	Inner Fringe Reception Locations
DY14	6-12	9-13.5	22-26	2:1	Fringe Reception Locations

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