

### Indoor - multi-output domestic distribution amplifiers with level control

- DA2-12** 2-way variable gain distribution amplifier
- DA4-12** 4-way variable gain distribution amplifier
- DA6-20** 6-way variable gain distribution amplifier
- DA8-20** 8-way variable gain distribution amplifier

# 4G800

- High quality fully screened amplifiers with F connectors
- High gain / high output, ideal for digital TV
- Input filtered to minimise 4G-800 LTE interference
- Level control for optimum performance
- SMD technology for high reliability
- Built-in mains power supply with UK plug
- Visible mounting holes for easy fixing



Optima DA's are designed to easily distribute TV and radio signals in a domestic environment with enough gain to overcome long cable losses and operate in a wide range of off-air signal levels for digital or analogue reception.

Model	DA20-2	DA20-4	DA24-6	DA24-8
No of inputs	1	1	2	2
No of outputs	2	4	6	8
Frequency range	40 to 790MHz		40 - 240MHz : 470 - 790MHz	
Maximum Gain VHF 85 to 240MHz	12dB	12dB	2dB	2dB
Maximum Gain UHF 470 to 862MHz	12dB	12dB	20dB	20dB
Level control adjustment attenuation	0-10dB	0-10dB	0-12dB	0-12dB
Maximum output (IMD <sup>2</sup> -60)	90dBμV	98dBμV	93 dBμV	93 dBμV
Maximum input (attenuator set to min gain)	74dBμV	79dBμV	74dBμV	71dBμV
Return Loss (Typical)	>15dB			
Connectors	F Female			
Power	230V AC 50Hz 3W			
Dimensions inc connectors	150 x 90 x 37mm		210 x107 x 43mm	
Weight	0.35kg	0.41kg	0.55kg	0.56kg

For best results always ensure any unused outputs are properly terminated with a 75ohm load. Use V17-007 F terminator. Multipoint domestic aerial systems may require earthing. Consult the latest codes of practice & legislation for information.

In the interests of product development and improvement we reserve the right to change specification, design and dimensions. Data correct at time of going to press