

### Key features

- Broadband operation
- Power Passing
- Moderate Current consumption
- Compact machined Aluminium housing

|                  |                              |
|------------------|------------------------------|
| Product:         | Broadband Masthead Amplifier |
| SARAS Type Code: | SLA003-8-10                  |

| Item | Specification                             | Units    | Min          | Typ | Max | Remark                                 |
|------|-------------------------------------------|----------|--------------|-----|-----|----------------------------------------|
| 1    | Frequency Range                           | MHz      | 470          |     | 900 |                                        |
| 2    | Nominal Gain                              | dB       |              | 10  |     |                                        |
| 3    | Passband Return Loss                      | dB       | 10           |     |     | Over operating band                    |
| 4    | Impedance                                 | $\Omega$ |              | 50  |     |                                        |
| 5    | Output Third Order Intercept Point (OIP3) | dBm      |              | +30 |     |                                        |
| 6    | Noise Figure                              | dB       |              |     | 4   |                                        |
| 7    | Power Supply                              | V        | 8            | 12  | 18  | Power passing and LED Power Indication |
| 8    | Current Consumption                       | mA       |              | 65  |     |                                        |
| 9    | Dimensions                                | mm       | 51 x 25 x 25 |     |     | Excluding connectors                   |
| 10   | Connector                                 |          | TNC Female   |     |     |                                        |
| 11   | Weight                                    | g        | 150          |     |     |                                        |

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