

## **BAL005 2-30MHz** 300 Ohms BAL/50 Ohms UNBAL Suitable for Rhombic Antenna



Figure 1- Similar product shown

The BAL005 is used in an RX only application where a balanced input impedance of 300 Ohms is required to be transformed to 50 Ohms unbalanced. The unit is housed in a waterproof case for outdoor use.

The Balanced ports are lightning protected. Ground stud must be grounded for this to function correctly

## Specification:

## **Parameter**

Frequency Range Balance Terminals impedance Unbalanced Impedance SWR Less than Insertion Loss Balanced to unbalanced ratio

**Power Handling** 

Case Size Connector Unbalanced Terminals Unbalanced Ground Terminal

Lightning Protection (BAL)

## <u>Limits</u>

2 – 30MHz 300 Ohms 50 Ohms 1.5:1 (<-14dB return loss) <0.5dB (typ. <0.3dB) >22dB

+20dBm Max.

65 x 60 x 40mm N type Female M5 Stud, with washer and nut. M4 Stud, with washer and nut.

2kV 1.6ns rise time, 50ns duration

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