# ranatec

### DATA SHEET

## **RI 4192** USB 3.0 FEEDTHRU FILTER

Panel mountable USB 3.0 super-speed feedthru filter



#### **OVERVIEW**

The RI 4192 is a Feedthru Filter for all types of applications where USB signals need to be fed through a shielded wall.

#### APPLICATION

Primarily designed to fit in Ranatec's Shield Boxes but can be used separately.

#### **ELECTRICAL INTERFACES**

To accommodate the switchable power feedthrough, the filter is non-reciprocal, which means that the USB host must be attached to the "B" connector of the filter. RI 4192 can supply one USB device with up to 2 A.

#### **MECHANICAL INTERFACES**

The RI 4192 is prepared for panel mounting with two threaded M3 screw holes. It is delivered with an EMI/RFI shielding gasket for simple and reliable mounting.



Panel cut-out recommendation (mm)

#### FEATURES

- 75 dB filter suppression at 2.4, 5.8 and 7.125 GHz
- Filtered 2 A power feedthrough, switchable on/off via USB
- Panel mountable

#### SPECIFICATION

USB device current feedthru: 2 Connector front: Ty Connector back: Ty Material: Al Dimensions: 36 Weight: 90

2 A max Type A, (F) Type B, (F) Aluminium 36x68x24 mm 90g



Typical filter suppression

ORDERING RI 4192

USB 3.0 Feedthru Filter