

RI 4201

USB 3.0 A-A

FEEDTHRU FILTER

Panel mountable
SuperSpeed

OVERVIEW

The RI 4201 is a high-performance USB 3.0 feedthru filter for all types of applications where USB 3.0 signals need to be fed through a shielded wall.

APPLICATION

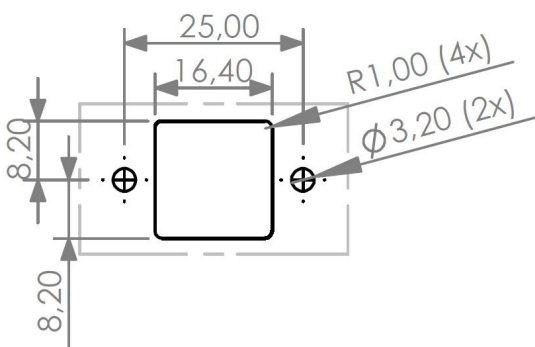
Primarily designed to fit in Ranatec's Shield Boxes but can be used separately. For panel mounting in shield boxes and other types of enclosures such as rooms and chambers.

Suitable for applications where charging of devices is needed.

For fabric mount and tent applications, please see other models on our website or contact us for more information or customization.

MECHANICAL INTERFACES

The RI 4201 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

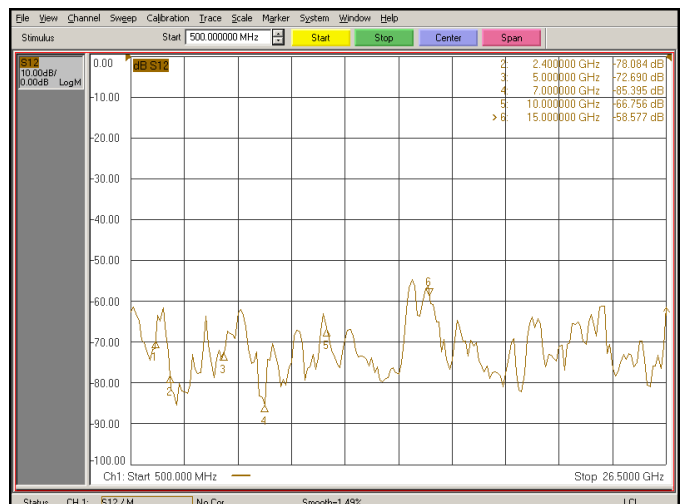
- USB type A connector on both sides
- USB 3.0 SuperSpeed 5 Gbps
- Max 1.5 A, 5 V, 7.5 Watts
- Panel mountable

ELECTRICAL INTERFACES

The physical connectors are located at each end. The filter is reciprocal, which means the mounting direction can be either way, e.g. either outside or inside the shielded enclosure.

SPECIFICATION

Connector front and back: USB type A
Material: Aluminium
Dimensions: 68x36x24mm
Weight: 130g



Typical shielding efficiency.

ORDERING

RI 4201 USB 3.0 Gbps A-A Feedthru Filter