ranatec

RI 4185
SINGLE USB 2.0 FEEDTHRU FILTER

Panel mountable
USB 2.0 480 Mbps
feedthru filter

OVERVIEW
The RI 4185 is a Feedthru Filter for all types of applications where USB signals need to be fed through a shielded wall.
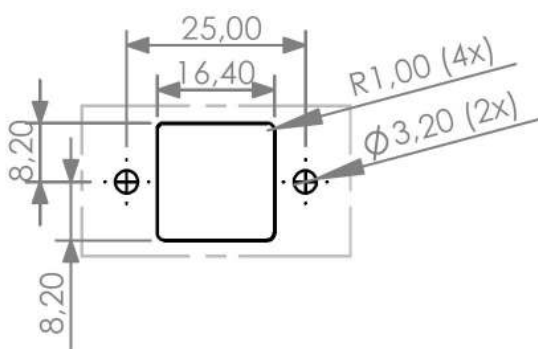
APPLICATION
Primarily designed to fit in Ranatec's Shield Boxes but can be used separately.

ELECTRICAL INTERFACES
The physical connectors are located at each end. The filter is reciprocal, which means that the USB host can be attached to any of the connectors. RI 4185 can supply one USB devices with up to 900 mA.

MECHANICAL INTERFACES
The RI 4185 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.
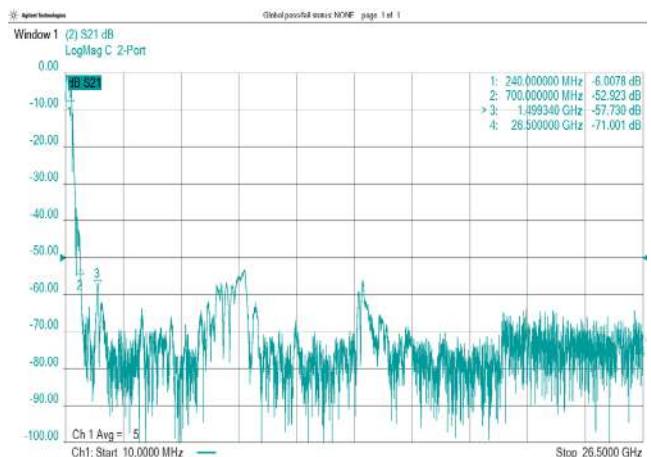

Panel cut-out recommendation (mm)

FEATURES
- 75 dB filter suppression at 2.4, 5.8 and 7.125 GHz
- Fully USB 2.0 Hi-Speed 480 Mbps compatible
- Filtered USB device power feedthrough, 900mA
- Panel mountable

SPECIFICATION

Connector front:	A, Rectangle (F)
Connector back:	A, Rectangle (F)
Material:	Aluminium
Dimensions:	36x71x22 mm
Weight:	90g

Typical filter suppression

ORDERING
RI 4185   Single USB 2.0 480 Mbps
                 Feedthru Filter