

## Key Features – Infrared-Filter Array

- Light-tight cable feedthrough with integrated IR-filters
- Manufactured from a single piece of OFHC copper
- Suitable for Bluefors XLD dilution system
- Reliable, patented-pending manufacturing process
- 2.5 dB loss at 6 GHz
- For more details on IR-filters see YQ-IR-110A

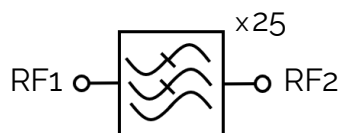


*IR-Filter Array OFHC copper  
with optional gold-plating*

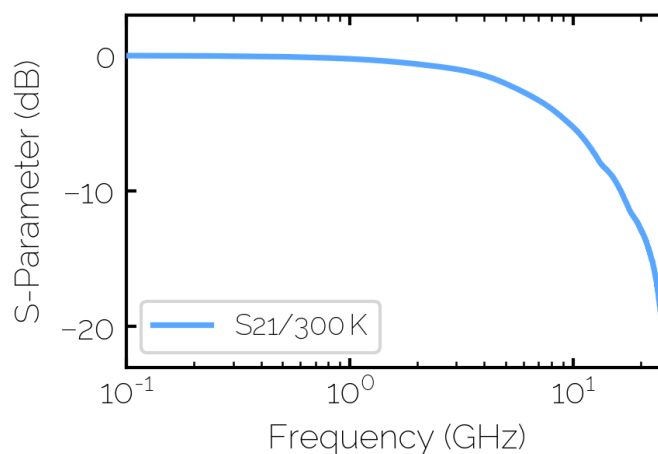
## Typical Performance

RF frequency	DC - 10 GHz
Insertion loss	< 6.0 dB
Return loss	> 20.0 dB

## Circuit Schematic

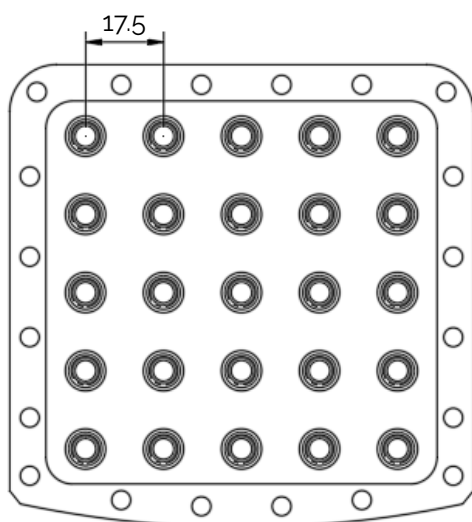


## Wideband Attenuation

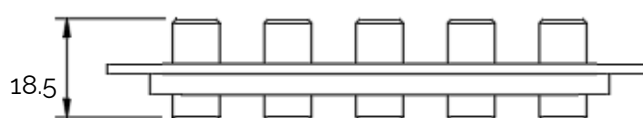


\* For more details on scattering-parameters, see YQ-IR-110A datasheet.

## Drawing – Top View [mm]



## Drawing – Side View [mm]



*For different layouts, please contact  
YQuantum directly.*