



Data Sheet

HF MULTIPLEXER

Features

- Communication between reader and Multiplexer via antenna cable
- Multiplexer outputs are controlled by the reader, a host or digital inputs
- High switching rate

Applications

- Warehouse Management
- Library Management
- Retail



The 1 to 8/16 Multiplexer facilitates switching the Reader between 16 RFID antennas with an operating frequency of 13.56 MHz. With one Multiplexer several single antennas can be operated with only one reader. Additional multiplexer can be used to increase the number of antennas a module can support.

Technical data

Operating Frequency	13.56MHz
Supply Voltage	9-16V DC
RF Connections	1x input SMA Female (50 ohm) 8x output SMA Female (50 ohm) 16x output BNC Female (50 ohm)
Maximum RF Power	10W
Attenuation/channel	0.8dB (typ)
Isolation	60 dB
VSWR	1.2
Switching time	4 ms (approx)
Interface	RS 232
Protocol	Pico Protocol
Operating Temperature	-20°C to +55°C
Storage Temperature	-40°C to +85°C
Dimensions (L x W x H)	360 x 200 x 150 mm
Weight	2.5 Kg
Grommet	3 x Screwed cable gland

For more information, please contact www.pico-mega.com

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