

# Datasheet - UHF RFID Coupler



Part No : LUPUS14V2

Honeywell Compact RFID Coupler delivers the key functionality and performance in smaller/thinner designs. This innovative coupler across UHF RFID Band provides compelling advantages for RFID modules specifically designed considering the Honeywell End Product applications such as printers.

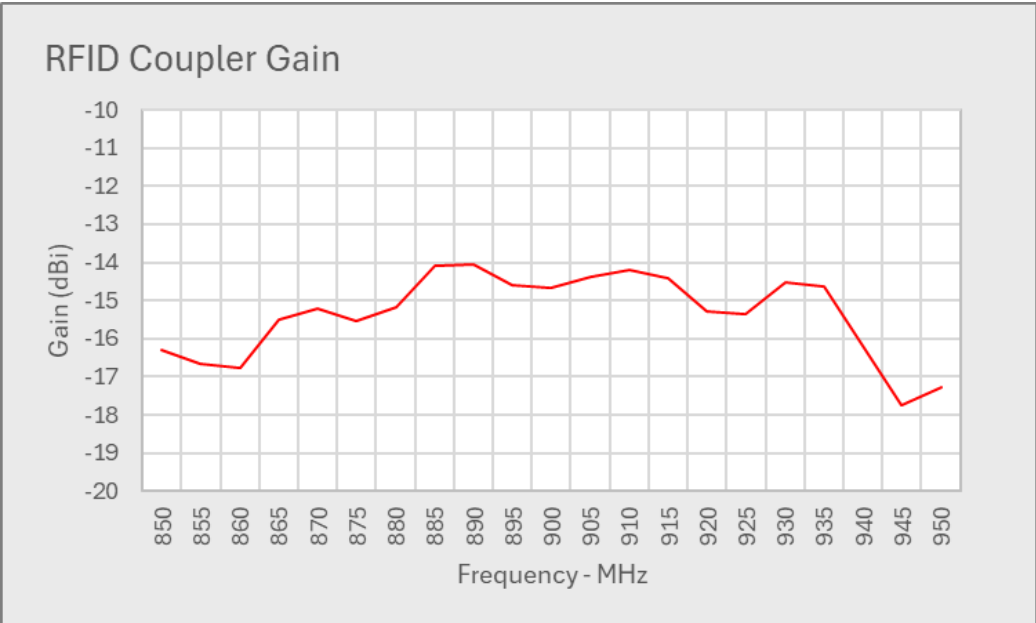


Fig (1) - RFID Coupler Front

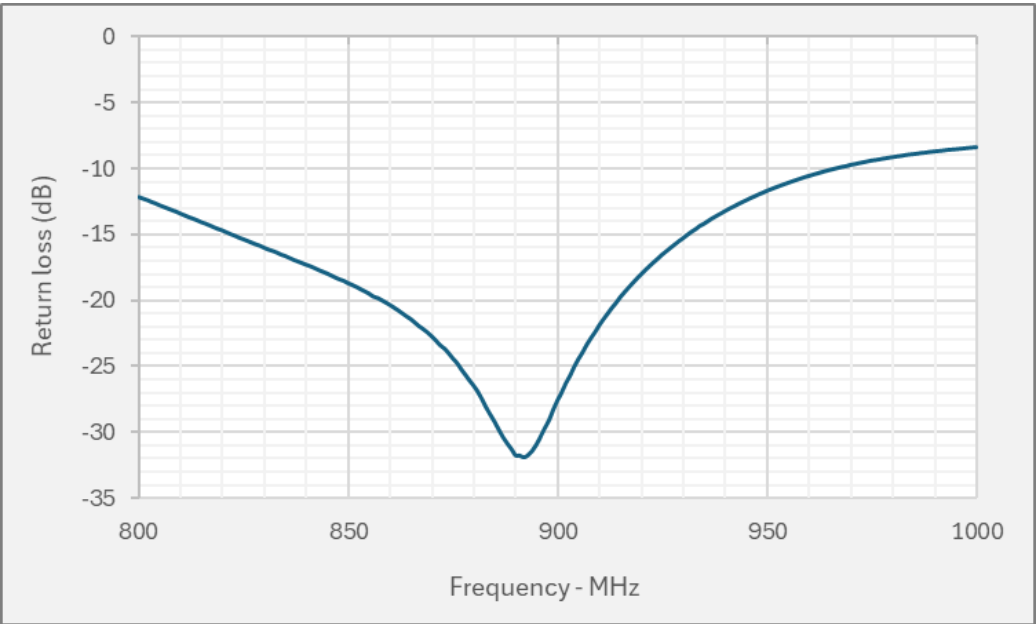


Fig (2) - RFID Coupler Rear

## Gain Plot (dBi)



## Return Loss (dB)



## Make

Honeywell International Inc.

| Technical Specifications |                          |
|--------------------------|--------------------------|
| Frequency Band (MHz)     | 850 - 950                |
| Max. Gain (dBi)          | -14.0                    |
| Return Loss (dB)         | < -10                    |
| Max Power Handling       | 2W Peak, 0.5W Continuous |
| Connector Type           | MMCX                     |

## Dimensions

110mm X 17mm X 1.4mm

RoHS version compliant



Note: RF cable length ~60cm

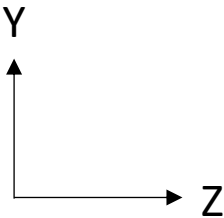


Fig (3) . Coupler with cable

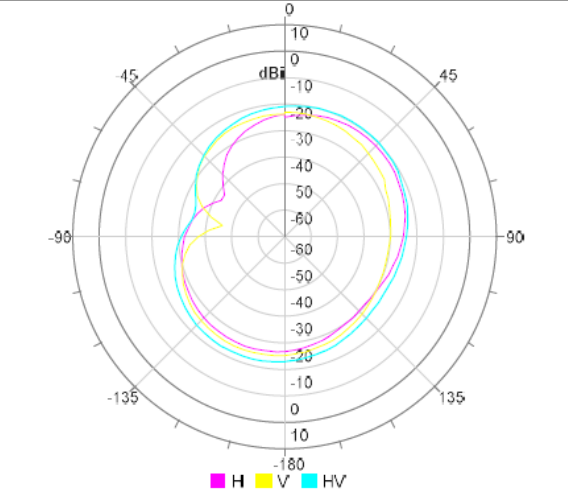
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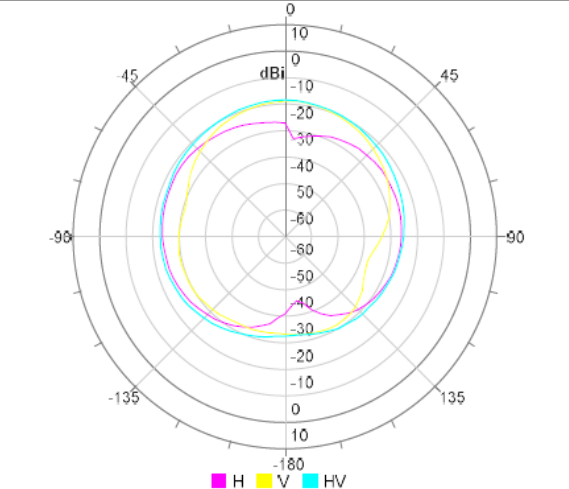
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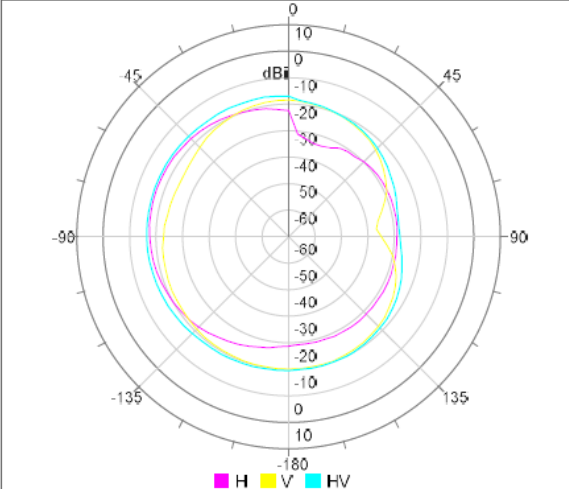
YZ Gain 850 MHz



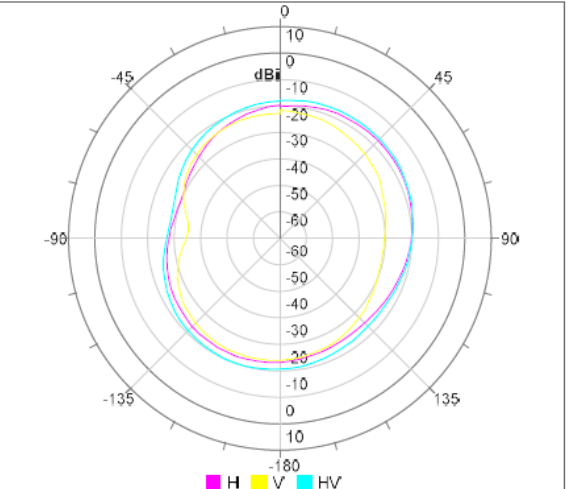
ZX Gain 850 MHz



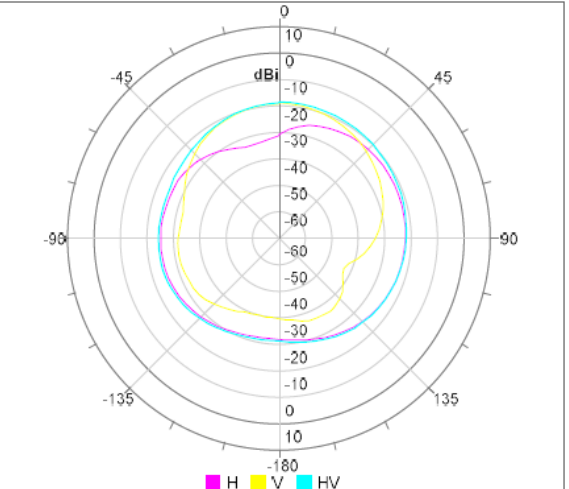
XY Gain 850 MHz



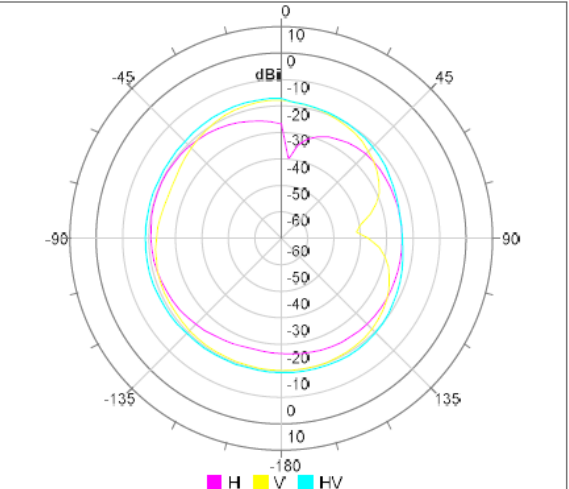
YZ Gain 860 MHz



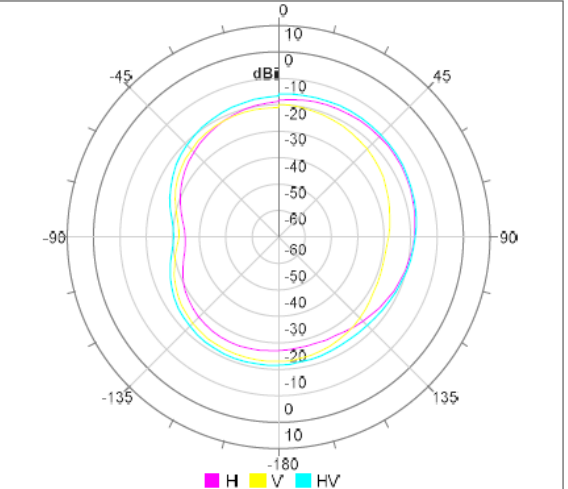
ZX Gain 860 MHz



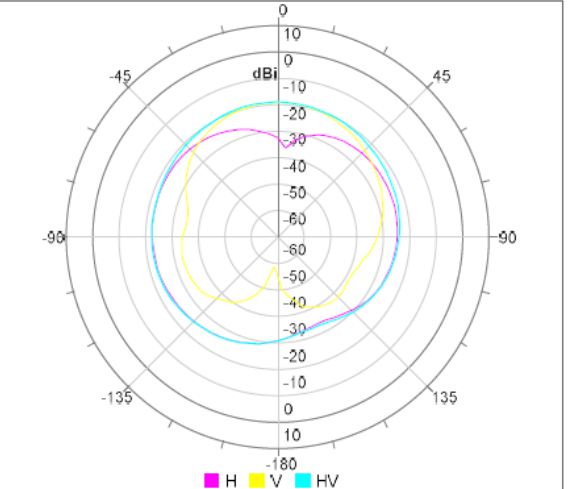
XY Gain 860 MHz



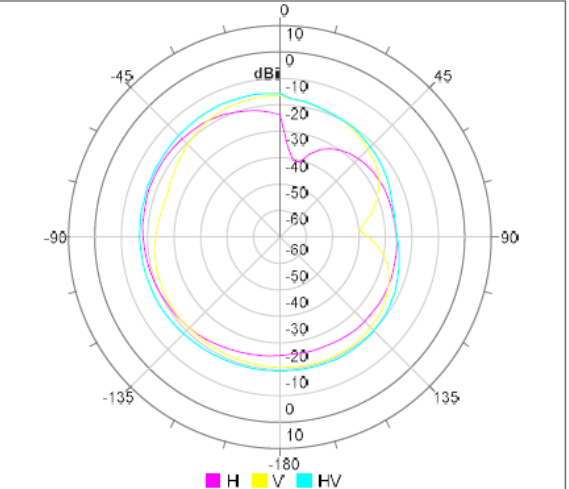
YZ Gain 870 MHz



ZX Gain 870 MHz



XY Gain 870 MHz



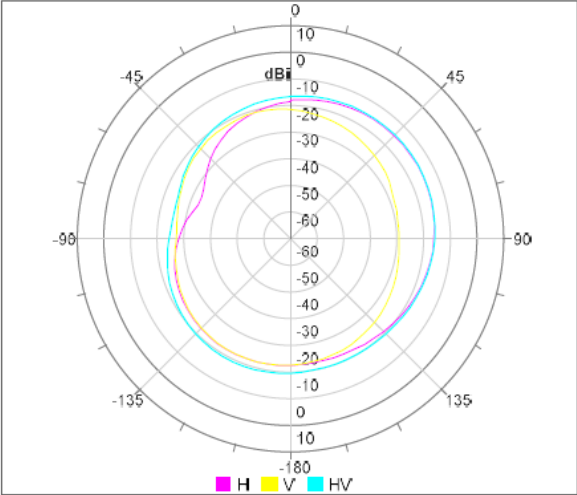
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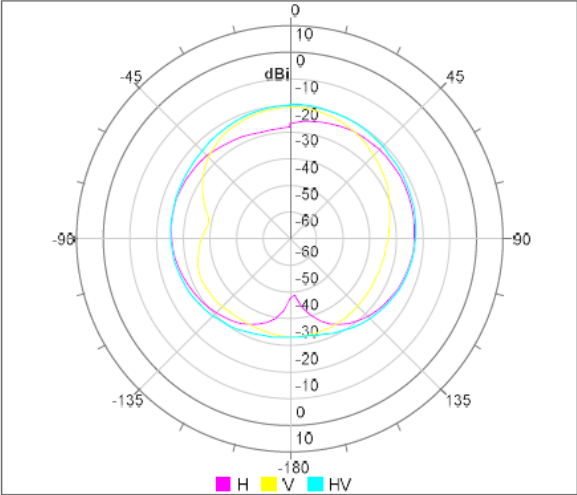
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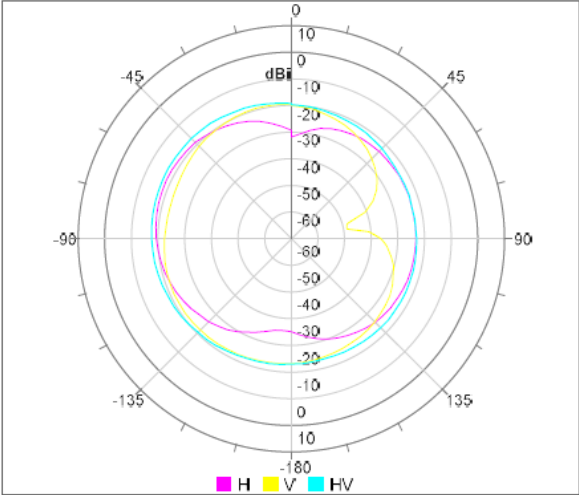
YZ Gain 900 MHz



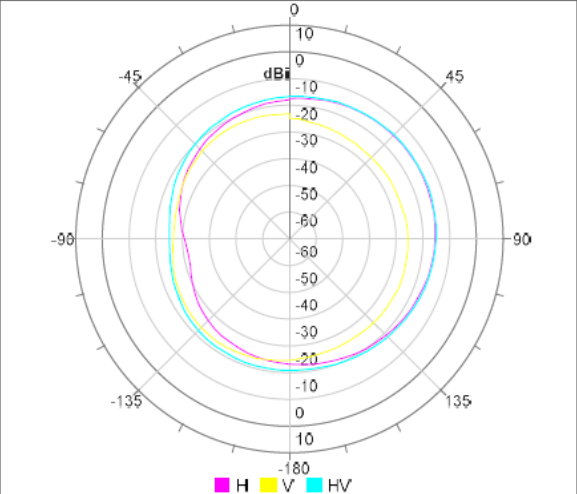
ZX Gain 900 MHz



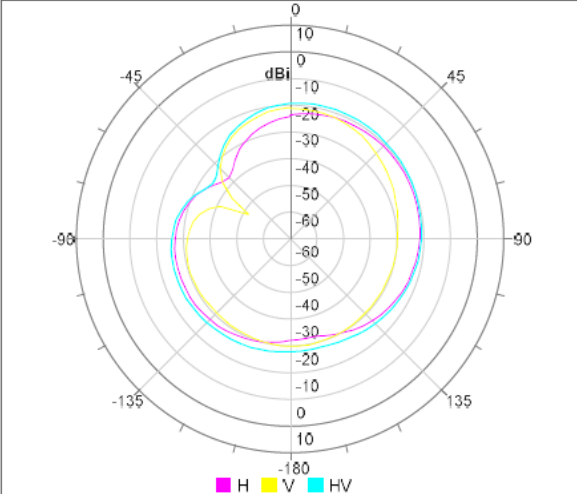
XY Gain 900 MHz



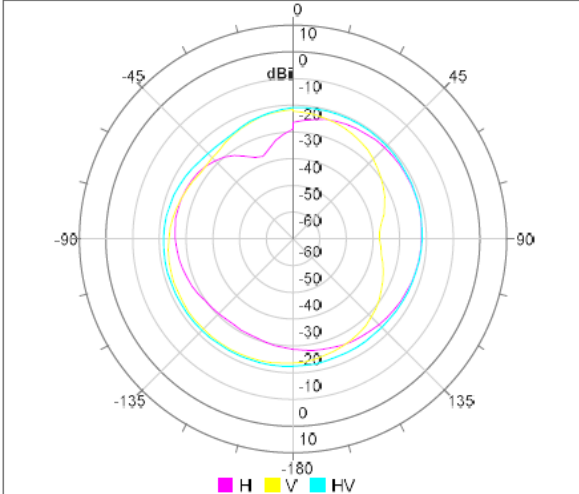
YZ Gain 930 MHz



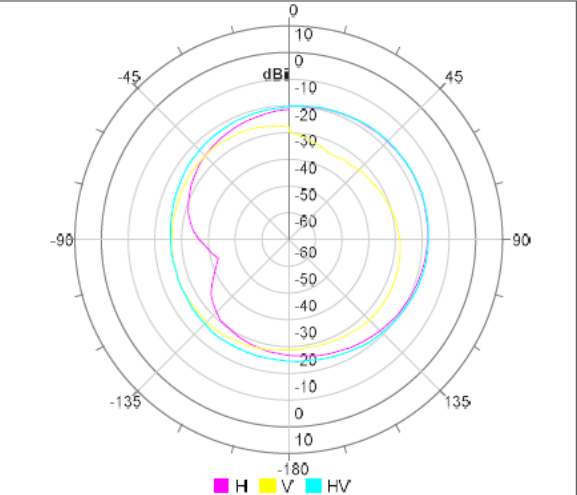
ZX Gain 930 MHz



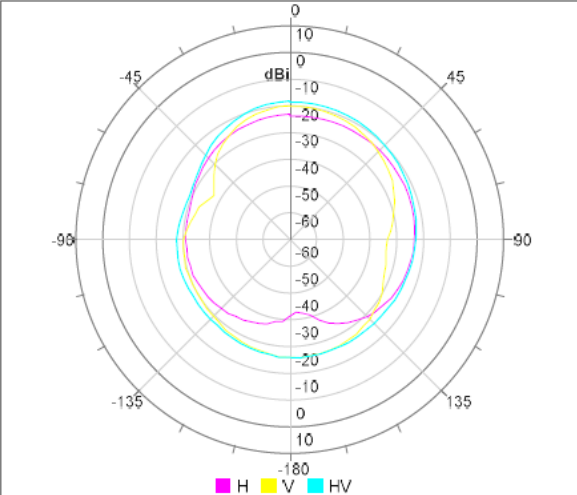
XY Gain 930 MHz



YZ Gain 950 MHz



ZX Gain 950 MHz



XY Gain 950 MHz

