



***SkyPlus™ MXH and MXU antenna multiplexers operate at different frequencies of 13.56MHz( HF) and 860MHz and 960MHz(UHF) respectively.***

The SkyPlus™ MXH and MXU antenna multiplexers enable multiple antenna inputs at multiple read points to be integrated and read by a single RFID reader thus minimizing the number of readers deployed when multiple read-points are required and saving on infrastructure investment for the user. They are equipped with either 4 or 8 antenna ports so as to expand a reader’s capability according to specific requirements of an application. Each multiplexer is controlled by either a host processor or a reader module, which allows any of the eight antennas to be addressed explicitly using three GPIO pins. Further scalability can be achieved by adding additional multiplexers so that a reader module can support more than eight antenna.

**Technical Specifications**

|  |  |
|--|--|
| SkyePlus MXH 13.56 MHz antenna multiplexer | SkyePlus MXU 860-960 MHz antenna multiplexer |
| HF Frequency                               | HF Frequency                                 |
| Low insertion loss: < 0.7dB                | Low insertion loss: <1.4 dB                  |
| Isolation: 45 dB minimum                   | Isolation: 30 dB                             |
| Control voltage: CMOS/TTL levels           | Control voltage: CMOS or TTL levels          |
| 4-port & 8-port                            | 4-port & 8-port                              |



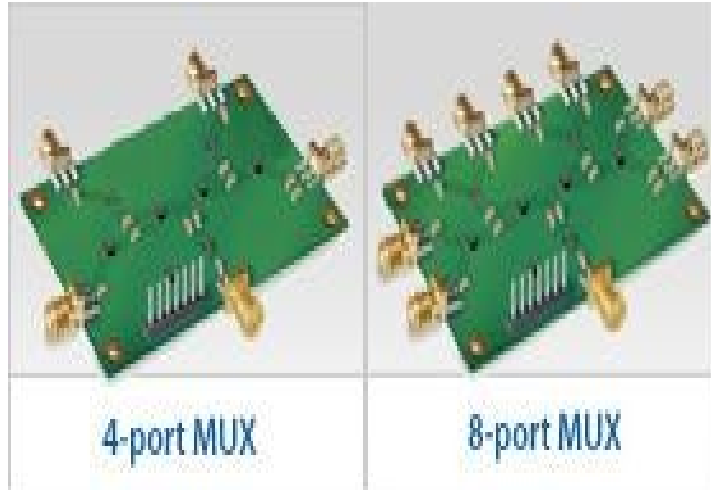
**GAO RFID Inc.**

**A Member of GAO Group**

*Celebrating Over 15 Year of Innovation*

*Product Overview*

**SkyPlus™ MXH and MXU Antenna Multiplexers (733001)**



## **GAO Group**

*Celebrating Over 15 Years of Innovation*

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