

# Molex Quick Reference Guide

## ISM Antennas



	FLEXIBLE ANTENNAS				SMT ANTENNA
Series	105262	206764	211140	204287	208142
Key Features	Balanced, multiple cable length options	Dipole-type, balanced, multiple cable length options	Small size	Dipole-type, balanced, multiple cable length options	Small footprint, low profile
Frequency Range (MHz)	863 to 928	863 to 928	863 to 928	433	868 or 915 (by different matching)
Size (mm)	79.00 by 10.00	87.40 by 12.40	38.00 by 10.00 by 0.10	90.00 by 40.00	9.00 by 3.00 by 0.63
Return Loss (dB)	<-6	<-9	<-5	<-10	<-10 / <-5
Peak Gain (dBi)	0.4 / 1.4	1.2	0.3 / 1.0	0.7	1.5 / 1.8
Total Radiation Efficiency	50% / >66%	>70%	>55% / >60%	>55%	70% / 65%
Product Image					

**Note:** Performance values above are based on 100mm cable

ISM Standalone Antennas combine high RF performance with ease of integration over 433, 868 and 915 MHz bands for advanced industrial, scientific and medical devices.

Molex provides extensive experience in antenna technologies from concept-to-completion. Ready-To-Use RF Antennas are compact, high performing and available in multiple form factors for all common antenna protocols and frequencies used in IoT, automotive, industrial and medical applications. To find more email: [customerservice@molex.com](mailto:customerservice@molex.com)

[www.molex.com/link/ism.html](http://www.molex.com/link/ism.html)

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