

Avery Dennison

AD-661r6

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
Impinj Monza R6-P

Antenna Dimensions
90 x 19 mm / 3.54 x 0.75 in

International Standard
ISO/IEC 18000-63 Type C

Industry Segments
Automotive
Industrial Applications
Sports / Events

Applications

Sports Timing
Asset Tracking
Inventory

RoHS
EU Directive 2011/65/EU and
2015/863 Compliant



Tracking persons and objects reliably and with ease

AD-661r6 and AD-661r6-P inlays from Avery Dennison are Gen2 UHF RFID products that perform exceptionally across a wide range of dielectrics and are available in two chip formats: Monza r6 and Monza r6-P.

Both are suitable for a wide variety of RFID tagging applications, particularly those related to Automotive and Industrial Asset Tracking, Race Timing, and Personal ID Badges (AD-661r6-P only).

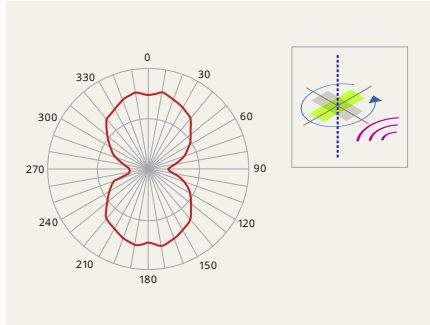
AD-661r6 with the Impinj Monza R6 IC comes with 96-bit of EPC memory, while AD-661r6-P with the Impinj Monza R6-P is available with 128/96-bit of EPC memory and 32/64-bit of User memory. Both versions have a 48-bit unique serialized TID Number and are available in Dry Inlay and Wet Inlay delivery formats.

Like all RFID products from Avery Dennison, AD-661r6 and AD-661r6-P inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.

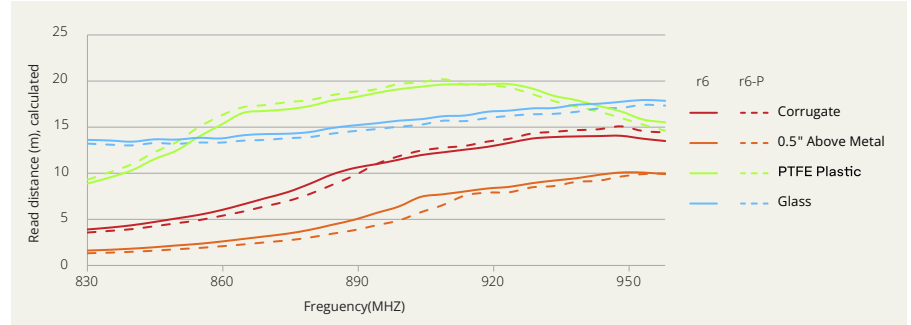
Technical features

Chip	Impinj Monza R6-P	
EPC and User Memory	128-bit and 64/32-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF600721	RF600727
Delivery Format	Dry inlay	Wet inlay
Die-cut Dimension	-	93 x 22 mm / 3.67 x 0.87 in
Inlay Substrate	PET	
Total Thickness	9 - 11 mils / 229 - 279 microns	10 - 13 mils / 254 - 330 microns
Standard Pitch	31.75 mm / 1.25 in	
Web Width	98 mm / 4 in	
Core Size	76 mm / 3 in	
Quantity / Reel	20000 pcs/reel	10000 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F	
On-Metal	Non metal	

Orientation sensitivity



Read range



All graphs are indicative: performance in real life applications may vary.