



Tungsten Steel+
Zirconia Ceramic



Ammonite



Wood



Zirconia Ceramic+
Epoxy



Black Temperature
Sensitivity



NXP® NTAG® 213 NFC Ring

SKU:	RSRI-N213
Chip Type:	NXP® NTAG® 213
Frequency:	HF 13.56 MHz
User Memory:	144 bytes
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 14443-A, NFC Forum Type 2
Industry:	Entertainment, Apparel and Fashion
Applications:	Mobile Payment, Smart Home Control, Smart Access Control Management

The HF NFC Ring with NXP® NTAG® 213 chip seamlessly integrates advanced NFC technology into a compact, wearable design, delivering fast and secure contactless interaction for modern digital lifestyles. Engineered for user convenience, it supports a wide range of practical applications including smart access control, mobile payment, and digital identity management. Its robust construction is complemented by a stylish aesthetic, making it an ideal fusion of technology and fashion for today's tech-savvy users.

Built with the high-performance NTAG® 213 chip, the ring ensures reliable operation and enhanced user experience through features like fast read capability and improved RF performance. It offers a substantial memory capacity for storing diverse data such as URLs and digital business cards, facilitating seamless integration with NFC-enabled smartphones and devices. Designed for simplicity and daily durability, this ring provides a versatile and innovative solution for elevating convenience and security in everyday smart living.

Physical Information	Material	Wood/Tungsten Steel+Zirconia Ceramic/ Zirconia Ceramic+Epoxy/Zirconia Ceramic+Epoxy(Ammonite)/ Zirconia Ceramic+Epoxy(Black Temperature Sensitivity)
	Ring Size	No. 6/No. 7/No. 8/No. 9 /No. 10 /No. 11 /No. 12 (*For specific size, please check 3.2 Additional Information)
	Operating Environment	0°C~+40°C, 30%~80% RH
	Storage Environment	+15°C~+25°C, 40%~60% RH

Technical Information	Operating Frequency	13.56 MHz
	Communication Protocol	ISO/IEC 14443-A, NFC Forum Type 2
	Read Range	Up to 10 cm
	Chip Type	NXP® NTAG® 213
	Communication Rate	106 kbit/s
	EEPROM	180 bytes
	User Memory	144 bytes
	Unique Serial Number	7 byte UID
	Memory Access Protection	32 bit password memory access protection

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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