



Tungsten Steel+
Zirconia Ceramic



Ammonite



Wood



Zirconia Ceramic+
Epoxy



Black Temperature
Sensitivity



NXP® NTAG® 216 NFC Ring

SKU:	RSRI-N216
Chip Type:	NXP® NTAG® 216
Frequency:	HF 13.56 MHz
User Memory:	888 bytes
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 14443-A, NFC Forum Type 2
Industry:	Entertainment, Events, Apparel and Fashion
Applications:	Social Engagement, Public Transportation and Tickets, Mobile Payment, Electronic Payment, Access Control, Smart Home, Mobile App Launch

The HF NFC Ring powered by the NXP® NTAG® 216 chip delivers generous storage and fast, reliable data exchange. With a simple tap, you can share contact details, trigger custom actions, or unlock compatible smart devices—streamlining everyday interactions.

Crafted for durability with a sleek, modern profile, it's comfortable enough for daily wear and versatile for any style. Ideal for anyone looking to elevate their digital life, this ring makes smart convenience feel effortless.

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® 216
	EEPROM	924 bytes
	User Memory	888 bytes
	Unique Serial Number	7 byte UID
	Security Features	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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