



Cubnut Series | PCB On-metal Tags

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Model	Dimension	Chip	Read Range
Cubnut Max	RCP8002	95 x 25 x 3 mm 3.74 x 0.98 x 0.12 in	NXP Ucode 8	FCC: > 11.0 m ETSI: > 9.0 m
Cubnut Mid Strip	RCP8004	52 x 13 x 3 mm 2.05 x 0.51 x 0.12 in	NXP Ucode 8	FCC: > 10.0 m ETSI: > 9.0 m
Cubnut Mid Patch	RCP8005	36 x 13 x 3 mm 1.42 x 0.51 x 0.12 in	NXP Ucode 8	FCC: > 7.7 m ETSI: > 6.8 m
Cubnut Prime	RCP8006	80 x 20 x 3 mm 3.15 x 0.79 x 0.12 in	NXP Ucode 8	FCC: > 10.0 m ETSI: > 5.8 m
Cubnut Mini Needle	RCP8010	30 x 5 x 2 mm 1.18 x 0.20 x 0.08 in	NXP Ucode 8	FCC: > 6.4 m ETSI: > 6.4 m
Cubnut Micro Disc	RCP8020	D=5 x 3 mm D=0.20 x 0.12 in	NXP Ucode 8	FCC: > 3.0 m ETSI: > 4.5 m
Cubnut Mini Disc	RCP8021	D=10 x 3 mm D=0.39 x 0.12 in	NXP Ucode 8	FCC: > 4.2 m ETSI: > 1.8 m
Cubnut Mid Disc	RCP8022	D=16 x 3 mm D=0.63 x 0.12 in	NXP Ucode 8	FCC: > 4.9 m ETSI: > 5.0 m
Cubnut Micro	RCP8023	8 x 3 x 3 mm 0.32 x 0.12 x 0.12 in	NXP Ucode 8	FCC: > 6.0 m ETSI: > 2.8 m
Cubnut Mini Strip	RCP8025	25 x 10 x 3 mm 0.98 x 0.39 x 0.12 in	NXP Ucode 8	FCC: > 8.0 m ETSI: > 7.0 m
Cubnut Mid Needle	RCP8026	40 x 10 x 3 mm 1.57 x 0.39 x 0.12 in	NXP Ucode 8	FCC: > 7.9 m ETSI: > 6.5 m
Cubnut Mini Slim	RCP8027	15 x 4 x 2 mm 0.59 x 0.16 x 0.08 in	NXP Ucode 8	FCC: > 4.0 m ETSI: > 3.8 m
Cubnut Pro	RCP8032	60 x 20 x 3 mm 2.36 x 0.79 x 0.12 in	NXP Ucode 8	FCC: > 10.3 m ETSI: > 7.8 m
Cubnut Mini Patch	RCP8033	13 x 7 x 3 mm 0.51 x 0.28 x 0.12 in	NXP Ucode 8	FCC: > 7.0 m
Cubnut Classic	RCP8034	6 x 6 x 3 mm 0.24 x 0.24 x 0.12 in	NXP Ucode 8	FCC: > 4.0 m ETSI: > 1.5 m
Cubnut Max Disc	RCP8035	D=20 x 2 mm D=0.79 x 0.08 in	NXP Ucode 8	FCC: > 5.8 m ETSI: > 5.3 m
Cubnut Mid Thin	RCP8038	50 x 10 x 1 mm 1.97 x 0.39 x 0.04 in	NXP Ucode 8	FCC: > 4.0 m
Cubnut Mid Slim	RCP8030	56.5 x 5 x 1.3 mm 2.22 x 0.20 x 0.05 in	NXP Ucode 9	ETSI: > 3.0 m

The read range presented above is for reference only and was derived from our company's laboratory testing.

Cubnut-HT Series | High Temperature On-metal Tags

Read range: 2W ERP, FCC - 920 MHz, ETSI - 868 MHz

Product Name	Model	Image	Dimension	Chip	Read Range
Cubnut-HT Mini	RCP8039	 	42 x 15 x 2 mm 1.65 x 0.59 x 0.08 in	NXP Ucode 8	FCC: > 8.7 m
Cubnut-HT Needle	RCP8045	 	80 x 5 x 2 mm 3.15 x 0.20 x 0.08 in	NXP Ucode 8	FCC: > 11.5 m ETSI: > 9.5 m

Pallet AIO Series | Pallet Tags

Product Name	Model	Image	Dimension	Chip	Read Range
Pallet AIO Needle	RCT10003		90 x 10 x 1 mm 3.54 x 0.40 x 0.04 in	NXP Ucode 8	FCC: > 18.4 m ETSI: > 15.0 m
Pallet AIO Slim	RC9027-12		85 x 20 x 0.9 mm 3.35 x 0.79 x 0.04 in	Impinj M830	FCC: > 20.6m ETSI: > 26.0 m
Basaltix Ultra	RCO8011		128 x 30 x 8.5 mm 5.04 x 1.18 x 0.34 in	NXP Ucode 8	FCC: > 27.3 m ETSI: > 26.5 m

Cubnut-C Series | Ceramic On-metal Tags

Product Name	Model	Image	Dimension	Chip	Read Range
Cubnut-C Patch	RCC6001		25 x 25 x 3 mm 0.98 x 0.98x 0.12 in	Alien Higgs 3	FCC: > 8.5 m
Cubnut-C Mini Cube	RCC6009		5 x 5 x 3 mm 0.20 x 0.20 x 0.12 in	Alien Higgs 3	FCC: > 6.2 m ETSI: > 2.5 m
Cubnut-C Strip	RCC6010		10 x 5 x 3 mm 0.39 x 0.20 x 0.12 in	Alien Higgs 3	FCC: > 5.0 m ETSI: > 4.5 m
Cubnut-C Micro Cube	RCC6012		4 x 4 x 3 mm 0.16 x 0.16 x 0.12 in	Alien Higgs 3	FCC: > 4.0 m ETSI: > 3.0 m

Basaltix Series | High Protection Tags

Product Name	Model	Image	Dimension	Chip	Read Range
Basaltix Mini	RCO8009		47.87 x 35 x 7.8 mm 1.88 x 1.38 x 0.31 in	Alien Higgs 3	FCC: > 7.0 m ETSI: > 6.2 m
Basaltix Ultra	RCO8011		128 x 30 x 8.5 mm 5.04 x 1.18 x 0.34 in	NXP Ucode 8	FCC: > 27.3 m ETSI: > 26.5 m
Basaltix Pro	RCO8012		88 x 30 x 9.0 mm 3.46 x 1.18 x 0.35 in	NXP Ucode 8	FCC: > 19.3 m ETSI: > 17.8 m
Basaltix Wide	RCO8015		88 x 37 x 4.0 mm 3.46 x 1.46 x 0.16 in	Impinj Monza R6P	FCC: > 8.3 m ETSI: > 4.5 m
Basaltix Max 4QT	RCO8016		136 x 43 x 10.3 mm 5.35 x 1.69 x 0.41 in	Impinj Monza 4QT	FCC: > 21.0 m ETSI: > 19.0 m
Basaltix Max Duo	RCO8018		136 x 43 x 10.3 mm 5.35 x 1.69 x 0.41 in	Impinj Monza R6P FM11RF08S	UHF: > 8.4 m HF: > 3.0 cm
Basaltix Long	RCO8019		85 x 21 x 10.0 mm 3.35 x 0.83 x 0.39 in	NXP Ucode 9xm	FCC: > 23.6 m ETSI: > 22.7 m

Specxus Series | Specialty Hard Tags

Product Name	Model	Image	Dimension	Chip	Read Range
Specxus Guard	RC9003		345 x 28.25 x 4.5 mm 13.58 x 1.11 x 0.18 in	NXP Ucode 8/9	> 9.0 m
Specxus Anchor	RCC6011		12 x 18 mm/20 x 25 mm 0.47 x 0.71 in/0.79 x 0.98 in	Alien Higgs 3	> 1.8 m

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