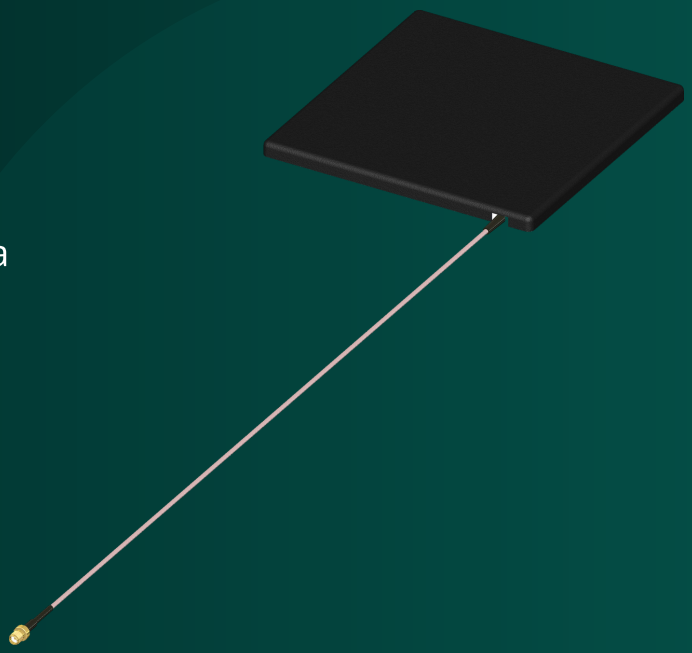
IDCRAFT

RFID & NFC EXPERTS



UHF RFID | RAIN - True NearField Antenna
Times-7 - A1115

- 150 x 150 mm confined near-field read zone
- Reliable reads on metal and liquid items
- 8.6 mm flat or 8.5 mm formed radome
- VSWR 1.95 typical, 3 W max. input power
- Black or white, ETSI and FCC versions

UHF RFID | RAIN - True NearField Antenna
Smallest True NearField antenna: 150 x 150 mm, 8.5–8.6 mm

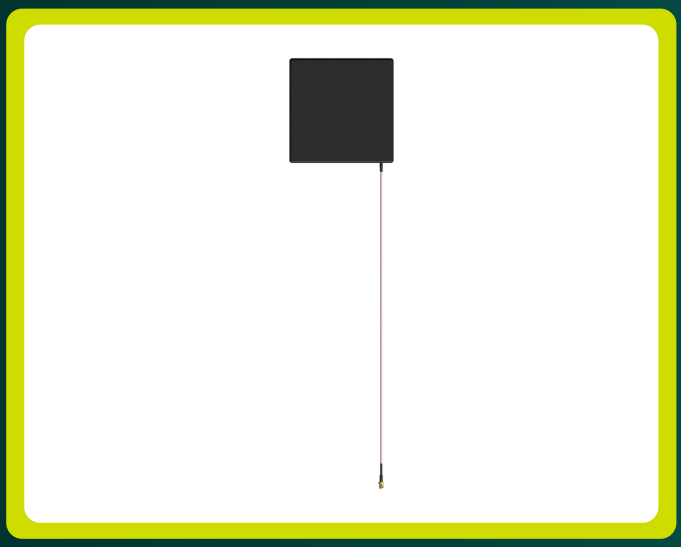
The Times-7 A1115 is the smallest member of the True NearField series (A1115, A1130, A1163). It reads RAIN RFID tags in a tightly confined 150 x 150 mm zone directly above the antenna surface, with no surface dead spots. The flat-radome version measures 150 x 150 x 8.6 mm and weighs only 0.154 kg, small enough for checkout counters, shelf compartments and benchtop stations.

The antenna works with the near field at its surface instead of radiating into the room, so stray reads from neighbouring shelves or passing items are suppressed and performance stays consistent next to metal and liquids. Typical VSWR is 1.95 and the far-field equivalent gain is -10.5 dBi.

The flame-retardant ABS radome is rated IP54 for indoor use from 0 to +50 °C. It comes flat (150 x 150 mm) or thermoformed (154 x 154 mm), each in black or white. An SMA female connector sits on a 482 mm RG316 fly lead. Integrated rear mounting holes take screws; where drilling is not possible, the included self-adhesive rubber feet prevent slipping. Optional 4 mm and 6 mm mounting plates are available.

Common Applications

- Point Of Sale Checkout
- Shelf-Level Tracking
- Healthcare Supplies
- Retail Item Verification
- Metal Items And Tools
- Liquid-Filled Products



IDCRAFT
RFID & NFC EXPERTS

Times-7 - A1115

UHF RFID | RAIN - True NearField Antenna

TECHNICAL SPECIFICATIONS

Electrical

Frequency Range	865–868 MHz (ETSI) 902–928 MHz (FCC)
Field Type	Near-field
Read Area	150 x 150 mm
Far-Field Equiv. Gain	-10.5 dBi
VSWR	1.95 typical
Impedance	50 Ω
ESD Protection	Yes, DC grounded
Antenna Detection	10 kΩ resistance
Max. Input Power	3 W

Ordering Information

Colour	Black / White
Flat, ETSI	72027 / 72029
Flat, FCC	72028 / 72030
Formed, ETSI	75240 / 75241
Formed, FCC	75242 / 75243
Mounting Plate 4 mm	71943
Mounting Plate 6 mm	71757

Mechanical

Dimensions (Flat)	150 x 150 x 8.6 mm
Dimensions (Formed)	154 x 154 x 8.5 mm
Weight	0.154 kg net
Radome	Flame-retardant ABS
Colours	Black or white
Connector	SMA female fly lead
Cable	RG316, 482 mm
Mounting	Integrated mounting holes
Rubber Feet	Included, 20 x 20 x 1.45 mm

Environmental

Protection Class	IP54
Operating Temperature	0 to +50 °C
Storage Temperature	-30 to +50 °C
Compliance	RoHS, CE