CS778 Square RFID Near Field Antenna

CSL CONVERGENCE
SYSTEMS LIMITED

Product Profile:

CS778 is a UHF RFID Near Field antenna for item level tagging.   Near field technology allows the tagging of items rich in water content, such as food and pharmaceutical products. Designed to work in POS counter, factory production line, distribution center, hospital, casino gambling table, and other places, this square antenna allows reading of near field tags in the UHF band, with exceptional read range and read rate. Its square nature also allows it to be easily modularly combined.

Picture shows the version where the cable is side entered. Customer can select to have cable bottom entered as well.

Features:

- **Industry leading read range performance near field antenna**

- **Enjoy the extremely high read rate of UHF reader compared to HF reader**

- **Global frequency coverage**

- **2 options for cable entry: side entry and bottom entry. Side entry is best for table top mounting, bottom entry is best when you have multiple units stacked side by side so that side entry cable would not work.**

Specifications:

Physical Characteristics:	**Length = 23 cm; Width = 23 cm; Height = 6 cm; Weight = 900 grams**
Read Range:	**With CS6910 near field tag, up to 30 cm for tag mounted on pharmaceutical bottle cap**
Frequency Range:	**One of the following: 865-868 MHz, 865-867 MHz, 902-928 MHz, 950-956.4 MHz, 919-928 MHz, 910-914 MHz should use 902-928 MHz version**
IP Rating:	**IP65**
Cable Entrance:	**2 ordering options: side entrance and bottom entrance** **Side entrance is good for table top mounting or on wall mounting without rear conduit entrance** **Bottom entrance is good for table bottom attachment, particularly when number of modularly combined units > 4, or for wall mounting with rear conduit entrance**
Environment:	**Operating Temp: -20^{0}C to 55^{0}C (-4^{0}F to 131^{0}F)** **Storage Temp: -40^{0}C to 85^{0}C (-40^{0}F to 185^{0}F)** **Humidity: 10% to 95% Non-condensing**
Connector:	**TNC Reverse Polarity**
Order Code:	**CS778-018-N-E** **(N=1: 865-868 MHz for Europe & 865-867 MHz for India, N=2: 902-928 MHz, 018=standard 1.8m cable and please discuss with CSL sales department for special requirements, E=S:cable is side entered, E=B:cable is bottom entered)**