

CS790 Ultra-Thin RFID Antenna

Product Profile:

CS790 antenna is an extremely thin monostatic antenna for use with high performance UHF RFID readers, such as CS468 or CS461 readers. Its extremely thin form factor allows it to be used in applications that have limited space for antenna mounting, such as display cabinet, smart-shelf and conveyor-belts etc. Thus, this antenna is the best choice for using in retail applications, production line, document control and any applications require thin form factor antenna.



Features:

- Extremely thin form factor (~6mm)
- Industry leading read range performance thin antenna
- Models with standard length or customizable length for fitting in different shelves or cabinets
- Controllable read zone coverage
- Global frequency coverage

Specifications:

Physical Characteristics:	Thickness = 6 mm; Width = 250 mm; Length = 990 mm / 700 mm / 360 mm, or Customizable Length; Weight = ~1.8Kg / 1.3Kg / 0.68Kg;
Read Range:	Varies on different antenna length, tag models and environment
Frequency Range:	Ultra High Frequency (UHF) Different model with different frequency range
Input Impedance:	50 ohms
RF connector:	SMA Female Jack (with 4cm pigtail cable at the long edge of antenna)
ESD:	5 KV
Environment:	Operating Temp: -20°C to 55°C (-4°F to 131°F) Storage Temp: -40°C to 85°C (-40°F to 185°F) Humidity: 10% to 95% Non-condensing
Accessory Required:	CS810-1M cable (SMA Plug to SMA RP Plug for CS468 reader) or CS820-1M cable (SMA Plug to RP TNC Plug for CS461 reader) (Need to be purchased separately)
Order Code:	Single Port: CS790-L-W-1P-N Dual Port: CS790-L-W-2P-N L=length of antenna in mm (standard models: 990, 700, 360) W=Width of antenna in mm (standard model: 250) N=1: 865-868 MHz for Europe & 865-867 MHz for India, N=2: 902-928 MHz for FCC areas, N=4: 920-928 MHz for Hong Kong / China / Taiwan / Asia