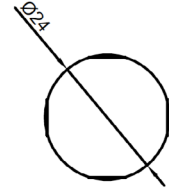
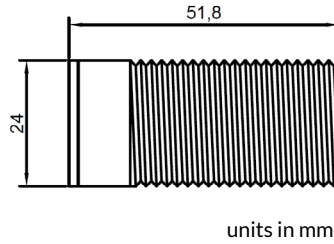




## ISO17025 Calibrated Cylindrical Daisy Chained Temperature & Humidity Sensor (DAISY-THUM-C)



units in mm

Plug & play sensor designed for monitoring temperature & humidity inside racks and hot/cold aisles in data center white spaces by hanging from ceiling. Using a 2m cable, the sensor connects to a T-daisy chain connector (included). Up to 15 sensors can be connected into one daisy chain connection

### Certification and Calibration:

Temperature	ISO 17025
Humidity	NIST

### Sensor Metrics:

Temperature resolution	0.02°C (32.04°F)
Temperature accuracy	±0.5°C (±0.9°F) from 0°C to 50°C (32°F to 122°F)
Temperature reading	-55°C to +125°C (-67°F to +257°F)
Reading unit	in Celsius or Fahrenheit
Relative humidity range	0 to 100 % RH
Relative humidity resolution or precision	0.01%RH
Relative humidity accuracy	±2%RH between 0%RH to 100%RH

### Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required) DAISY-STARTER (required) serves as the controller for the daisy chained sensors
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Sensor power usage	120 mW

### Environmental Specifications:

Operating temperature range	0°C to +75°C (32°F to +167°F)
Humidity (operating and storage)	< 90% rH (non-condensating)

### Physical Specifications:

Sensor enclosure	Plastic material enclosure Optionally available in aluminum enclosure
Mounting option	Secure mounting with bolt and nut mechanism Can be mounted using two M24 nut
Dimensions	L: 51.8mm (2.04") W: 24mm (0.94") Ø: 24 with a 2m cable that connects to a T-daisy chain connector
Weight	32.9g (0.071lbs)
Maximum length of daisy chain	Up to 15 sensors per base unit within 100m/330ft of total length Longer distances possible with optional DAISY-BOOSTER