Extron

Specifications
UCS FT 901 and UCS FR 902

USB host port - Tx unit

Number/signal type........................ 1 USB
USB host support .... xHCI (Transmitter must be connected to a USB 3.2, 3.1, or 3.0 Host PC port)
Connectors................................... 1 female USB type C
    Maximum built-in USB hubs 0
    Minimum built-in USB hubs 0

USB device ports - Rx unit

Number/signal type........................ (1) 2-port USB
USB receiver support..................... USB 1.x low speed (1.5 Mbps), full speed (12 Mbps), USB 2.0 high speed (480 Mbps),
USB 3.2/3.1/3.0 SuperSpeed (5 Gbps)
Connectors................................... 2 female USB 3.x type A
    Maximum built-in USB hubs 1
    Minimum built-in USB hubs 1
    Available USB power .... 1.5 A per USB port

> **NOTE:** This product supports the four types of data transfer defined by USB: bulk, control, interrupt, and isochronous transfers.

Interconnection between transmitter and receiver

Connectors................................... 2 LC
Nominal peak wavelength .... 850 nm for multimode
Data rate..................................... 5 Gbps
Transmission power .... -5 dBm, typical
Maximum receiver sensitivity
    Multimode .... -12 dBm, typical
Optical loss budget
    Multimode .... 7 dB, maximum
Signal transmission distance .... up to 150 m (493 feet) with 50 µm OM3/OM4, 4700 MHz bandwidth, laser-optimized multimode (MM) cables

> **NOTE:** The transmission distance varies depending on the type of cable used in the system.

General

Power supply................................ External
    Transmitter .... Input: 100-240 VAC, 50-60 Hz
Output: 12 VDC, 0.5 A, 6 watts
    Receiver .... Input: 100-240 VAC, 50-60 Hz
Output: 12 VDC, 2.0 A, 24 watts
Power consumption
    Transmitter
        Device .... 0.7 watts
        Device and power supply... 1.1 watts

> **NOTE:** Transmitter can be powered by an included External power supply or the Host PC.

Receiver
    Device .... 17.6 watts
    Device and power supply... 19.4 watts
Temperature/humidity .... Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
    Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling .... Convection, no vents
Thermal dissipation
    Transmitter
        Device .... Multimode: 3.55 BTU/hr
        Device and power supply... Multimode: 4.64 BTU/hr
    Receiver
        Device .... Multimode: 11.15 BTU/hr
        Device and power supply... Multimode: 19.95 BTU/hr
Mounting
    Rack mount............................ Yes, with optional rack shelf or rack mounting brackets
    Furniture or wall mount............ Yes, with included Zipclip kits
Enclosure type .... Metal
Enclosure dimensions
    Transmitter .... 1.0" H x 2.2" W x 3.0" D
    2.5 cm H x 5.6 cm W x 7.6 cm D (depth excludes connectors)
    Receiver .... 1.0" H x 4.3" W x 3.0" D (one quarter rack wide)
    2.5 cm H x 10.9 cm W x 7.6 cm D (depth excludes connectors)
Product weight .... 1 lb (0.5 kg)
    Transmitter .... 0.1 lbs (0.05 kg)
    Receiver .... 1 lb (0.5 kg)
Regulatory compliance.................. CE, c-UL, KCC, UL, C-tick, FCC Class A, ICES, VCCI Class A, Complies with the appropriate requirements of RoHS, WEEE
Product warranty .... 3 years parts and labor
Everlast power supply warranty...... 7 years parts and labor

NOTE: All nominal levels are at ±10%.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at **www.extron.com**.

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