

# UNSHIELDED TWISTED-PAIR RACK MOUNT AUDIO/VIDEO TRANSMISSION SYSTEM RACK

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## TECHNICAL SPECIFICATIONS

## SECURITY SYSTEM

### DIVISION 16 - ELECTRICAL

### SECTION 16770 - CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM

## PART 2 – PRODUCTS

### 2.01 GENERAL

- A. All equipment and materials used shall be standard components that are regularly manufactured and utilized in the manufacturer's system.
- B. All systems and components shall have been thoroughly tested and proven in actual use.
- C. All systems and components shall be provided with the availability of a toll-free (U.S. and Canada) technical support number from the manufacturer. The number shall provide technical assistance for either the dealer/installer or the end user at no charge for as long as the product is installed.

### 2.02 UNSHIELDED TWISTED-PAIR RACK MOUNT AUDIO/VIDEO TRANSMISSION SYSTEM RACK

- A. The rack mounting system shall provide power and card slots for up to fifteen audio/video transceivers in one 19 inch (495 mm) 3U 5.25 inch (133 mm) rack mount enclosure.
- B. The rack mounting system shall accommodate either of the following Plug-In transceiver card types
  - a. NV-418AR
  - b. NV-518AR
- C. The rack mounting system shall be powered by a 40 VA UL Class II Transformer with the following specifications:
  - a. Input Voltage 120 Volts AC
  - b. Input Frequency 60 Hz
  - c. Input Connector North American 2-prong
  - d. Output Voltage 16 Volts AC
  - e. Output Connector RJ-11
- D. When loaded with NV-418AR or NV-518AR transceivers, rack system shall withstand:
  - a. Temperature 0-50 degrees Celsius
  - b. Humidity 0-95 percent, non-condensing
- E. The rack mounting system shall have a weight of 4 lbs (1.8 kg) without power transformer, and 5 lbs (2.3 kg) with power transformer.
- F. The rack mounting system shall be UL and CUL listed.
- G. The rack mounting system shall be CE compliant.
- H. The rack mounting system shall be provided with a limited lifetime warranty.
- I. The UTP rack mount audio/video transmission system rack shall be the NVT:
  - a. NV-RM15 or
  - b. Approved equal