

## TV One 1T-CT-682 HDMI/DVI-D Over Multiple Coax Extender (Receiver)

Model: **1T-CT-682 - Receiver**

**1T-CT-680 Series HDMI Over Multiple Coax Extender** system consist of the 1T-CT-681 Transmitter and the 1T-CT-682 Receiver which constitutes a system used to transmit deep color (12 bits), V1.3 HDMI or DVI-D signals (with appropriate DVI to HDMI Cable Adapter) at resolutions up to 1920x1200 and 1080p, plus transmission of embedded, lossless audio, over coaxial cables. Using low loss, RG-6 coaxial cables enables the 1T-CT-680 extender system to achieve signal distribution distances of up to 100 meters (325 feet) for 1080p/8 bit signals and 75 meters (245 feet) for 1080p/12 bit signals. Other type coax cables may be used, but may result in a reduction of the maximum distances. For example, existing 5-coax wiring installations that were originally made for Analog Component Video and Stereo Audio are adequate. A minimum of four coax cables is required. One cable is required for each of the video components (R-G-B) and one for a clock signal. A fifth coax cable is necessary if power is to be sent via cable. Power can be transmitted up to 60 meters (180 feet) using RG-6.

Resolutions up to 1920x1200, 1080p/60Hz are supported for HDTV and RGB resolutions for PCs of VGA to WUXGA may be realized. In addition, color space capability of RGB 24~36, Y444 24~36, Y422 16~24 is provided. And finally, both the Transmitter and Receiver units feature the unique TV One-task locking power connectors to enhance overall system mechanical security.

### Key Features of the 1T-CT-680 Series:

- Resolutions to 1920x1200, 1080p @ 60Hz
- 1080p/8 Bit distribution to 100 meters (325 feet)
- 1080p/12 Bit distribution to 75 meters (245 feet)
- Supports HDMI v1.3 Lossless Digital Audio
- Compliant with HDMI v1.3, HDCP 1.1 & DVI 1.1
- Uses readily obtainable RG-6 cables
- Supports HDTV I/O up to 1080P
- Supports VGA to WUXGA Resolution
- Locking +12VDC Connectors for enhanced mechanical securit