

# TV One 1T-DA-684 1x4 HDMI v2.0 Distribution Amplifier

## HDCP compliance

HDCP 2.2

## Video bandwidth

600 MHz / 18 Gbps

## Video support

VGA to WUXGA (RB)  
408i to 1080p@24/50/60  
4K@24/25/30  
4K@50/60 (YUV444)

## Audio

Embedded

## Input

1x HDMI 2.0a

1x USB (FW only)

## Output

2 x HDMI (1T-DA-682)  
4 x HDMI (1T-DA-684)  
8 x HDMI (1T-DA-688)

## Cable Distances

15m@1080p/8-bit  
10m@1080p/12-bit  
5m@4K2K/30  
3m@4K2K/60\_YUV444

## Warranty 2 Years

## MTBF (hrs)

1T-DA-682 - 1,157,069  
1T-DA-684 - 1,106,351  
1T-DA-688 - 411,643

## Dimensions (H x W xD)

1T-DA-682

0.98" x 5.04" x 4.25"  
(25 x 128 x 108mm)

1T-DA-684

0.98" x 9.13" x 4.25"  
(25 x 232 x 108mm)

1T-DA-688

0.98" x 9.45" x 4.05"  
(25 x 240 x 103mm)

## Weight (Net)

1T-DA-682 - 0.79 lbs (358g)  
1T-DA-684 - 1.36 lbs (616g)  
1T-DA-688 - 1.52 lbs (690g)

**Power supply**

1T-DA-682/684 - 5V 2.6A DC

1T-DA-688 - 5V 3A DC

**Power consumption**

1T-DA-682 - 4.56 Watts (max)

1T-DA-684 - 5.4 Watts (max)

1T-DA-688 - 9.5 Watts (max)

**Replacement Power Supply**

PS-05-30-LK

**Operating Temp**

0° to 40°C (32° to 104°F)

**Relative Humidity**

20% to 90% Non-condensing

**Regulatory Compliance**

FCC, CE, RoHS, UL