

## SPECIFICATION SHEET



### Mini DisplayPort to DVI-D Active Adapter Converter

- Active Conversion of Mini DisplayPort to DVI-D
- Support resolutions up to: 4096x2160 at 24Hz or 3840x2160 at 30Hz
- Dongle style adapter reduces strain on ports
- 3 Year Warranty

# Specifications: Mini DisplayPort to DVI-D Active Adapter Converter

## Electrical Specifications:

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Voltage Rating: 30V	
Conductor Resistance:	at 20°C max 30AWG 376.96[OHMS]/km
Insulation Resistance:	10M-KM Min at 20°C DC 500V(EIA-364-21)
Dielectric Strength:	AC 500V/1 minute no breakdown(EIA-364-20)
Impedance:	Pairs (differential mode) 100±50Ω
Attenuation (Max):	5.02dB at 100~450MHz; 7.695dB at 1GHz; 12.595dB at 2GHz; 17.495dB at 3GHz; 22.395dB at 4GHz; 27.295dB at 5GHz; 32.195dB at 6GHz; 37.095dB at 7GHz
Return Loss (Min):	15.00 at 100~675MHz; 12.90 at 7GHz; 9.20 at 2GHz; 7.04 at 3GHz; 5.5 at 4GHz; 4.31 at 5GHz; 3.33 at 6GHz; 2.51 at 7GHz
NEXT (MAX):	-36dB at 0.1~1.35GHz; -23.44dB at 2GHz; -20.80dB at 3 GHz; - 18.93dB at 4GHz; -17.48dB at 5GHz; -16.29dB at 6GHz; -15.28dB at 7GHz
FEXT:	-26dB / Cable at 100~7000MHz (Max)

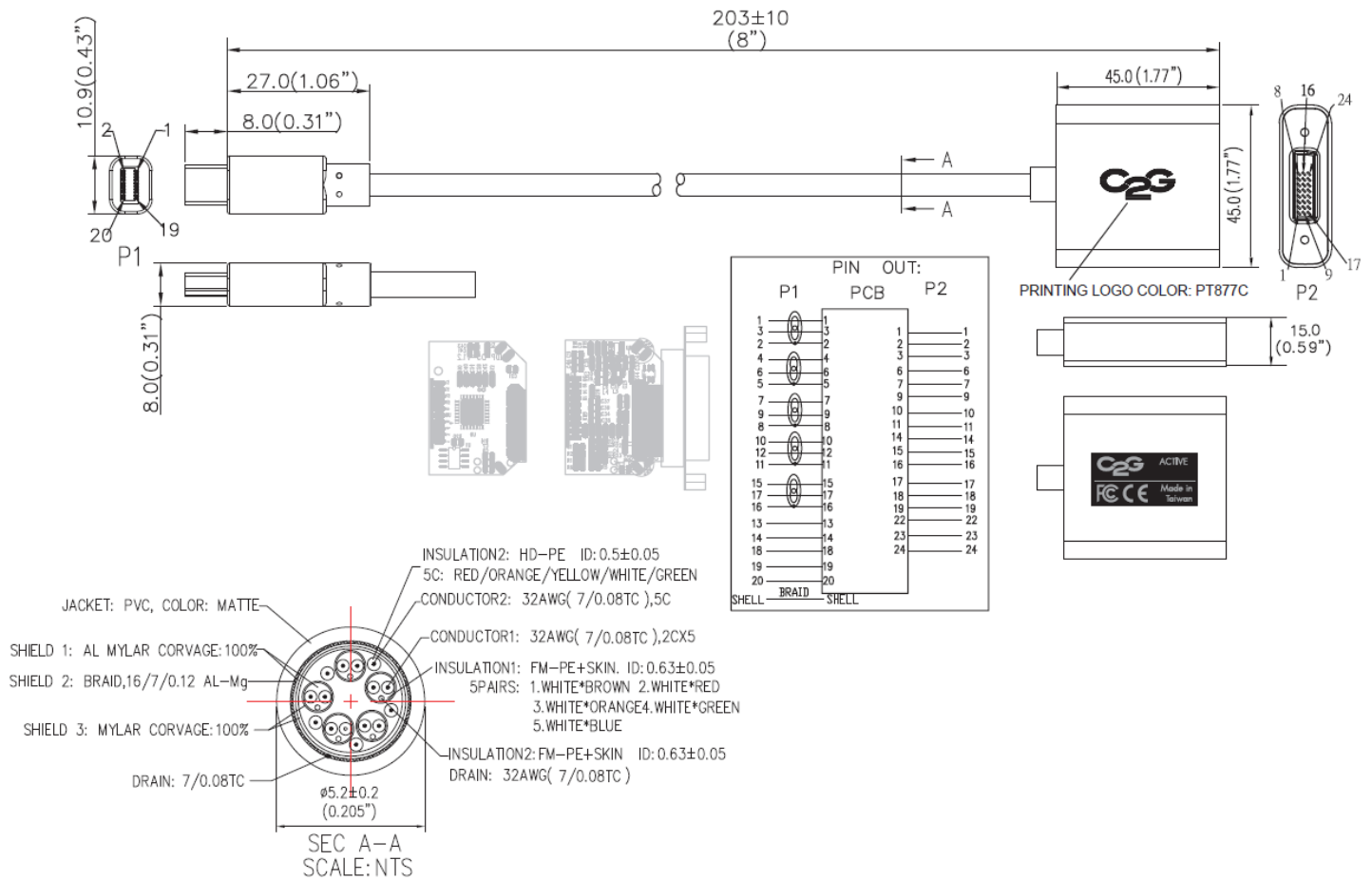
## Physical Specifications:

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Jacket:	PVC
Outer Diameter:	5.2mm ±0.2mm
Conductor 1:	5 Pairs at 32AWG (7/0.08 TC)
Insulation 1:	FM-PE+Skin ID 0.63mm ± 0.05mm (Pairs: 1. White/Brown 2. White/ Red 3. White/Orange 4. White/Green 5. White/Blue)
Pair Drain:	32AWG (7/0.8TC) Insulation FM-PE+Skin ID 0.63mm ± 0.05mm
Conductor 2:	5 Individual 32AWG (7/0.08 TC)
Insulation 2:	HD-PE+Skin ID 0.5mm ± 0.05mm (Conductors: 1. RED 2. Orange 3. Yellow 4. White 5. Green)
Shield 1:	AL Mylar Coverage 100%
Shield 2:	Braid, 16/7/0.12 AL-Mg
Shield 3:	Mylar Coverage 100%
Pair:	2 Singles Lair flat and Parallel
Core:	8 Pairs
Drain Wire:	7/0.08TC
Operating Temperature:	0°C to 50°C
Storage Temperature:	-25°C to 70°C



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Part Number	Description	Weight (lbs)
54318	Mini DisplayPort to DVI-D Active Adapter Converter - Black	0.081
54319	Mini DisplayPort to DVI-D Active Adapter Converter - White	0.081



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