



## Pro Series Digital Video Cable Plenum Rated

- Plenum rated jacket for installations in plenum air spaces
- Fully molded connector provides excellent strain relief
- Uses four 24AWG shielded twisted pairs with drain wire, one 24AWG twisted pair, and five 24AWG conductors
- Lifetime Warranty

\*The specifications apply only to the raw cable used to construct the cable assemblies

# Specifications: Pro Series Digital Video Cable Plenum Rated

## Electrical Characteristics:

Impedance:	100 $\pm$ 5 $\Omega$
DC Resistance:	0.084 $\Omega$ /m at 20° C
Dielectric Strength:	750VAC/minute
Insulation Resistance (50 0V):	100M $\Omega$ /KM at 20°C
IPS (with-in pair skew):	15ps/m max
PtPS (pair-to-pair skew):	50ps/m max
Attenuation (nominal):	Frequency      dB/100 ft
	100 MHz      0.26
	340 MHz      0.48
	500 MHz      0.62
	800 MHz      0.84
	1000 MHz      0.97

## Physical Characteristics:

Voltage Rating:	300V
Temperature Rating:	125°C
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Polybag

Item	Description	Weight (lbs)
41190	15ft Pro Series HDMI Cable Plenum Rated	1.75
41191	25ft Pro Series HDMI Cable Plenum Rated	2.25
41192	35ft Pro Series HDMI Cable Plenum Rated	3.00
41193	50ft Pro Series HDMI Cable Plenum Rated	5.75
41200	15ft Pro Series DVI-D Cable Plenum Rated	1.75
41201	25ft Pro Series DVI-D Cable Plenum Rated	2.25
41202	35ft Pro Series DVI-D Cable Plenum Rated	3.00
41203	50ft Pro Series DVI-D Cable Plenum Rated	5.75
41210	15ft Pro Series DVI-D and 3.5mm Cable Plenum Rated	1.79
41211	25ft Pro Series DVI-D and 3.5mm Cable Plenum Rated	2.29
41212	35ft Pro Series DVI-D and 3.5mm Cable Plenum Rated	3.04
41213	50ft Pro Series DVI-D and 3.5mm Cable Plenum Rated	5.79



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## Conductor 1 (4 pair):

Conductor Type:	24AWG (7/32) Tinned Copper
Insulation:	Minimum Avg. Thickness: 0.4mm Cellular-PE 1.5 mm O.D. (1) white & brown, (1) white & red, (1) white & green, (1) white & blue
Shield:	Aluminum/Polyester Tape 100% 25% overlap (min.)
Drain Wire:	24AWG (7/32) Tinned Copper

## Conductor 2 (1 pair & 5 conductors):

Conductor Type:	24AWG (7/32) Tinned Copper
Insulation:	Minimum Avg. Thickness: 0.17mm FEP 0.96mm O.D. (1 pair) orange & yellow, (1) red, (1) violet, (1) white, (1) gray, (1) pink

## Overall Cable:

AL/Polyester Tape:	100% Coverage 25% overlap (min.)
Braided Shield:	85% Coverage (9/36AWG) Tinned Copper
Jacket:	Kynar (PVDF Copolymer) Black CMP Rated Minimum Avg. Thickness: 0.4mm (min.) O.D.: 8.35 ± 0.15 mm

## HDMI Connector:

Connector Type:	HDMI Type A
Gender:	Male
Contact Material:	Brass, 15µm Gold Plating
Insulation:	PET
Dimensions (LxWxH):	42.75 x 18.00 x 10.50mm

## DVI Connector:

Connector Type:	DVI-D (18 + 1)
Gender:	Male
Contact Material:	Brass, 3µm Gold Plating
Insulation:	PET
Dimensions (LxWxH):	47.50 x 39.15 x 14.95mm

## 3.5 mm Connector:

Connector Type:	3.5 mm Stereo (TRS)
Gender:	Male
Contact Material:	Brass, 3µm Gold Plating
Insulation:	PET
Dimensions (LxD):	38.70 x 10.35mm

