



### RapidRun<sup>®</sup> Composite Video + Stereo Audio Wall Plate

- Color Code: Green (for use with PC runners or Multimedia runners)
- Connectors are color-coded yellow for composite video and red/white for dual channel audio
- Five 28AWG coaxial cables with braided copper shielding
- Fits into most single gang J-boxes.
- Lifetime Warranty

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

# Specifications: RapidRun® Composite Video + Stereo Audio Wall Plate

## Electrical Characteristics:

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### 5 Coax Conductors

Impedance:	75 ± 5Ω
Capacitance:	66.2 ± 5pF/m nom
Velocity of Propagation:	78 ± 1%
DC Resistance:	0.221Ω/m at 20°C
Dielectric Strength:	500VAC/ 1 minute; No breakdown
Insulation Resistance (500V):	100MΩ/KM at 20°C
Attenuation:	

Frequency	Conductor 1 - Red		Conductor 2 - Green		Conductor 3 - Blue		Conductor 4 - Black		Conductor 5 - White	
	dB/15m	dB/45m	dB/15m	dB/45m	dB/15m	dB/45m	dB/15m	dB/45m	dB/15m	dB/45m
1MHz	0.12	0.42	0.24	0.85	0.18	0.73	0.11	0.71	0.16	0.78
10MHz	0.86	2.53	0.9	2.89	0.89	2.84	0.75	2.76	0.85	2.94
50MHz	2.07	6.13	2.23	6.55	20.9	6.44	2.04	6.42	2.11	6.65
100MHz	2.98	9.06	3.23	9.49	3.06	9.28	3.01	9.37	3.12	9.63
200MHz	4.45	13.58	4.87	14.21	4.53	13.79	4.57	14.17	4.55	14.33
400MHz	6.72	20.56	7.75	21.83	6.93	20.98	7.16	20.93	6.96	21.67
700MHz	9.95	29.84	12.01	31.24	10.24	30.27	10.81	28.08	10.25	31.55
1000MHz	13.20	42.75	17.52	41.68	14.01	42.53	15.49	40.54	14.49	40.87

## Physical Characteristics:

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Voltage Rating:	30V
Temperature Rating:	80°C
Operating Temperature Range:	-25° C - 80°C
Minimum Bend Radius:	135 ± 5mm
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Box

Item	Description	Weight (lbs)
40740	RapidRun® Composite Video + Stereo Audio Wall Plate—White	0.200
40896	RapidRun® Composite Video + Stereo Audio Wall Plate—Ivory	0.200
42028	RapidRun® Composite Video + Stereo Audio Wall Plate—Black	0.200

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## Conductor (Qty. 5):

Conductor Type:	28AWG 7/36 Tinned Copper
Insulation:	Minimum Avg. Thickness: 0.19mm Foam FEP
Shield:	AL-Foil – 100% Coverage Braided Tinned Copper 42±3/0.12 85% Min. Coverage
Jacket:	Minimum Avg. Thickness: 0.7mm PVC (1) red, (1) green, (1) blue, (1) black, (1) white

## RCA Connector (Qty. 3):

Connector Type:	RCA
Gender:	Female
Contact Material:	Brass with 3µm Gold Plating
Insulation:	Yellow, Red, White PBT

## RapidRun Connector (Qty. 1):

Connector Type:	DIN 12 pin
Gender:	Male
Contact Material:	Brass with 3µm Gold Plating
Insulation:	Black PBT

## Overall Cable:

Jacket:	Green Heat Shrink
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