



### RapidRun<sup>®</sup> Component Video + S/PDIF Wall Plate

- Color Code: Blue (for use with Multimedia runners)
- Supports resolutions up to 1080p
- Connectors are color-coded red/green/blue for component video and black for digital 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<sup>®</sup> Component Video + S/PDIF Wall Plate

## Electrical Characteristics:

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### 5 Coax Conductors

Impedance: 75 ± 5Ω  
 Capacitance: 66.2 ± 5 pF/m nom  
 Velocity of Propagation: 78 ± 1 %  
 DC Resistance: 0.221 Ω/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)
40739	RapidRun Component Video + S/PDIF Digital Audio Wall Plate—White	0.350
40895	RapidRun Component Video + S/PDIF Digital Audio Wall Plate—Ivory	0.350
42027	RapidRun Component Video + S/PDIF Digital Audio Wall Plate—Black	0.350

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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. 4):**

Connector Type:	RCA
Gender:	Female
Contact Material:	Brass with 3µm Gold Plating
Insulation:	Red, Green, Blue, Black 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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