



### RapidRun<sup>®</sup> RGBHV (5 BNC) Wall Plate

- Color Code: Green (for use with PC runners or Multimedia runners)
- Supports transmission of RGBHV video signals
- 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® RGBHV (5 BNC) Wall Plate

## Electrical Characteristics:

### 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:

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)
40736	RapidRun RGBHV (5-BNC) Wall Plate—White	0.350
40892	RapidRun RGBHV (5-BNC) Wall Plate—Ivory	0.350
42024	RapidRun RGBHV (5-BNC) Wall Plate—Black	0.350

# Specifications: RapidRun® RGBHV (5 BNC) Wall Plate

**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

**BNC Connector (Qty. 5):**

Connector Type: BNC

Gender: Female

Contact Material: Brass with 3µm Gold Plating

Insulation: Red, Green, Blue, White, 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

