



RapidRun[®] HD15 (RGBHV)** Wall Plate

- Color Code: Blue (for use with Multimedia runners)
- Supports resolutions up to 1280 X 1024
- 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

** This wall plate does not pass EDID transmissions

Specifications: RapidRun® HD15 (RGBHV) 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
1 MHz	0.12	0.42	0.24	0.85	0.18	0.73	0.11	0.71	0.16	0.78
10 MHz	0.86	2.53	0.9	2.89	0.89	2.84	0.75	2.76	0.85	2.94
50 MHz	2.07	6.13	2.23	6.55	20.9	6.44	2.04	6.42	2.11	6.65
100 MHz	2.98	9.06	3.23	9.49	3.06	9.28	3.01	9.37	3.12	9.63
200 MHz	4.45	13.58	4.87	14.21	4.53	13.79	4.57	14.17	4.55	14.33
400 MHz	6.72	20.56	7.75	21.83	6.93	20.98	7.16	20.93	6.96	21.67
700 MHz	9.95	29.84	12.01	31.24	10.24	30.27	10.81	28.08	10.25	31.55
1000 MHz	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 ± 5 mm
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Box

Item	Description	Weight (lbs)
42064	RapidRun® HD15 (RGBHV) Wall Plate—White	0.230
42065	RapidRun® HD15 (RGBHV) Wall Plate— Ivory	0.230
42181	RapidRun® HD15 (RGBHV) Wall Plate—Black	0.230

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Conductor (Qty. 5):

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

HD15 Connector (Qty. 1):

Connector Type:	High Density D-Sub 15 pin
Gender:	Female
Contact Material:	Brass, 3µm Gold Plating
Insulation:	Black PBT

Note: Pin 9 is not loaded.

RapidRun Connector (Qty. 1):

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

Overall Cable:

Jacket:	Blue Heat Shrink
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