



### RapidRun<sup>®</sup> Single Gang DB9 Wall Plate

- Color Code: Yellow (for use with PC runners)
- Supports transmissions of serial control signals including RS-232
- Three 28AWG coaxial cables with braided copper shielding, three 24AWG twisted pair, and a single 24AWG pair
- Compatible with Leviton Decora<sup>®</sup> brand cover plates
- Fits into most single gang J-boxes.
- Lifetime Warranty

\*The specifications apply only to the raw cable used to construct the cable assemblies  
Note: Decora<sup>®</sup> is a registered trademark of Leviton Manufacturing Company, Inc. This product is not manufactured or endorsed by the Leviton Manufacturing Company, Inc

# Specifications: RapidRun® Single Gang DB9 Wall Plate

## Electrical Characteristics:

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### 3 Coax Conductors:

Impedance:	75 ± 5 Ohm			
Capacitance:	71 ± 2 pF/ ft nom			
Velocity of Propagation:	78 ± 1%			
DC Resistance:	237 ± 10Ω/km			
Dielectric Strength:	500VAC/1 minute min.			
Insulation Resistance (500V):	10MΩ/KM			
Attenuation (dB/6m):		Red	Green	Blue
		Coax	Coax	Coax
	1MHz	0.1464	0.1376	0.1419
	10MHz	0.86	0.97	0.4058
	100MHz	2.98	3.23	1.259
	200MHz	4.45	4.87	1.823
	500MHz	6.72	7.75	3.0028
	700MHz	9.95	12.01	3.64
	1000MHz	13.20	17.52	4.5923

### 3 Twisted Pair Conductors

DC Resistance:	93.25Ω/m at 20°C
Dielectric Strength:	750VAC/ minute min.
Insulation Resistance:	100Mohm/KM at 20°C

## Physical Characteristics:

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Voltage Rating:	30V
Temperature Rating:	80°C
Temperature Range:	-25° ~ 80°C
Minimum Bend Radius:	90mm
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Box

Item	Description	Weight (lbs)
42169	RapidRun Single Gang DB9 - White	0.26
42170	RapidRun Single Gang DB9 - Ivory	0.26
42171	RapidRun Single Gang DB9 - Black	0.26

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# Specifications: RapidRun® Single Gang DB9 Wall Plate

**Conductor (Qty. 3):**

Conductor Type: 28AWG 7/0.127  
Tinned Copper

Dielectric: Minimum Avg. Thickness: 1.57mm  
Foam PE

Shield: Spiral 90% Coverage  
Tinned Copper

Insulation: Minimum Avg. Thickness: 0.23mm  
PVC: (1) red,  
(1) blue, (1) green

**Conductor (Qty. 3 twisted pair + 2 conductors):**

Conductor Type: 24AWG 7/0.2  
Tinned Copper

Insulation: Minimum Avg. Thickness: 0.23mm  
PVC

**DB9 Connector (Qty. 1):**

Connector Type: DB9

Gender: Female

Contact Material: Brass, 3µm Gold Plating

Insulation: Black PBT

Note: Pin 6 is not loaded. All other pins are wired straight through.

**RapidRun Din Connector (Qty. 1):**

Connector Type: DIN 15 pin

Gender: Male

Contact Material: Brass, 3µm Gold Plating

Insulation: Black PBT

**Overall Cable:**

Jacket: Yellow Heat Shrink

