



### RapidRun<sup>®</sup> Component Video + S-Video 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
- 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-Video 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) |
|-------|---|--------------|
| 40738 | RapidRun Component Video + S-Video Wall Plate—White | 0.250        |
| 40894 | RapidRun Component Video + S-Video Wall Plate—Ivory | 0.250        |
| 42026 | RapidRun Component Video + S-Video Wall Plate—Black | 0.250        |

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# Specifications: RapidRun® Component Video + S-Video Wall Plate

## Conductor (Qty. 5):

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

## RCA Connector (Qty. 3):

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

## S-Video Connector (Qty. 1):

|                   |                             |
|-------------------|-----------------------------|
| Connector Type:   | 4-pin Mini Din              |
| Gender:           | Female                      |
| Contact Material: | Brass with 3µm Gold Plating |
| Insulation:       | 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 |
|---------|-------------------|

