



### **RapidRun<sup>®</sup> S-Video + 3.5mm Flying Lead**

- Color Code: Green (for use with PC runners or Multimedia runners)
- Supports transmission of s-video and 3.5mm stereo audio signals
- Five 28AWG coaxial cables with braided copper shielding
- Lifetime Warranty

\*The specifications apply only to the raw cable used to construct the cable assemblies

# Specifications: RapidRun<sup>®</sup> S-Video + 3.5mm Flying Lead

## 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: Polybag

| Item  | Description                                | Weight |
|-------|--|--------|
| 40851 | 1.5ft RapidRun S-Video + 3.5mm Flying Lead | 0.24   |

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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

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

Connector Type: 4-pin Mini Din

Gender: Male

Contact Material: Brass with 3µm Gold Plating

Insulation: Blue, Black PBT

## 3.5mm Connector (Qty. 1):

Connector Type: 3.5mm Stereo

Gender: Male

Contact Material: Brass, 3µm Nickel Plating

## RapidRun Din Connector (Qty. 1):

Connector Type: DIN 15 pin

Gender: Male

Contact Material: Brass, 3µm Gold Plating

## Overall Cable:

Jacket: Green Heat Shrink

