



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

- Color Code: Yellow (for use with PC runners)
- Supports resolutions up to 1600 x 1200 pixels (UXGA resolution)
- Three 28AWG coaxial cables with braided copper shielding, three 24AWG twisted pair, and a single 24AWG pair
- Lifetime Warranty

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

# Specifications: RapidRun® S-Video + Composite Video + RCA Stereo Audio + 3.5 mm Flying Lead

## Electrical Characteristics:

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### 3 Coax Conductors:

Impedance:	75 ± 5Ohm		
Capacitance:	71 ± 2pF/ 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 Coax	Green Coax	Blue Coax
	1MHz	0.1464	0.1376
	10MHz	0.86	0.97
	100MHz	2.98	3.23
	200MHz	4.45	4.87
	500MHz	6.72	7.75
	700MHz	9.95	12.01
	1000MHz	13.20	17.52

### 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:	Polybag

Item	Description	Weight
42249	RapidRun S-Video + Composite Video + RCA Stereo Audio + 3.5 mm Flying Lead	0.50

# Specifications: RapidRun® S-Video + Composite Video + RCA Stereo Audio + 3.5 mm Flying Lead

## 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

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

Connector Type:	4-pin Mini Din
Gender:	Male
Contact Material:	Brass with 3µm Gold Plating
Insulation:	Black PBT

## RCA Connector (Qty. 3):

Connector Type:	RCA
Gender:	Male
Contact Material:	Brass with 3µm Nickel Plating
Insulation:	Yellow PBT, Red PBT, White PBT

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

Conductor Type:	24AWG 7/0.2 Tinned Copper
Insulation:	Minimum Avg. Thickness: 0.23mm PVC

## 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
Insulation:	Black PBT

## Overall Cable

Shield:	Aluminum Mylar Wrap – 100% Braided Shield 24/8/0.12 - 85% Coverage - Tinned Copper
Jacket:	Minimum Avg. Thickness – 0.76mm Matte PVC Yellow Heat Shrink
Outer Diameter:	9.0 ± 0.15mm

