



## RapidRun<sup>®</sup> S-Video + Composite Video Flying Lead

- Color Code: Blue (for use with Multimedia runners)
- Supports transmission of s-video and composite video 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 + Composite Video 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 ± 5 mm  
 Approvals: RoHS Compliant  
 Warranty: Lifetime  
 Package Type: Polybag

Item	Description	Weight (lbs)
40876	1.5ft RapidRun S-Video + Composite Video Flying Lead	0.50

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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

### RCA Connector (Qty. 1):

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

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

Connector Type:	DIN 15 pin
Gender:	Male
Contact Material:	Brass, 3µm Gold Plating

### Overall Cable:

Jacket:	Blue Heat Shrink
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