



RapidRun® RCA Component Video + S/PDIF Digital Audio Flying Lead

- Color Code: Blue (for use with Multimedia runners)
- Connectors are color-coded red/green/blue for component video and black for digital audio (or composite video)
- Fully Molded connectors provide excellent strain relief
- 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® RCA Component Video + S/PDIF Digital Audio Flying Lead

Electrical Characteristics:

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:

Voltage Rating:	30V
Temperature Rating:	80°C
Temperature Range:	-25° ~ 80° C
Minimum Bend Radius:	135 ± 5mm
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Polybag

Item	Description	Weight
42079	1.5ft RapidRun RCA Component Video + S/PDIF Digital Audio Flying Lead	0.28
42080	3ft RapidRun RCA Component Video + S/PDIF Digital Audio Flying Lead	0.41
42081	6ft RapidRun RCA Component Video + S/PDIF Digital Audio Flying Lead	0.67
42082	10ft RapidRun RCA Component Video + S/PDIF Digital Audio Flying Lead	0.99

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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

RCA Connector (Qty. 4):

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

RapidRun Din Connector (Qty. 1):

Connector Type:	DIN 12 pin
Gender:	Male
Contact Material:	Brass, 3µm Gold Plating
Insulation:	Black PBT

Overall Cable:

AL Mylar Shield:	100% Coverage
Braided Shield:	85% Coverage (42 ± 3/0.12 Tinned Copper)
Drain Wire:	7/34 AWG Tinned Copper
Jacket:	PVC – CL2 rated Minimum Avg. Thickness: 0.7mm (min.) O.D.: 9.5 ± 0.15 mm Blue Heat Shrink

