



RapidRun[®] DB9 + RCA Component Flying Lead

- Color Code: Yellow (for use with PC runners)
- Supports transmissions of serial control signals including RS-232 for equipment using Component Video outputs
- 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® DB9 + RCA Component Flying Lead

Electrical Characteristics:

3 Coax Conductors:

Impedance:	75 ± 5Ω		
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:

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 (lbs)
42157	1.5 ft RapidRun DB9 + RCA Component Flying Lead	0.34
42158	3 ft RapidRun DB9 + RCA Component Flying Lead	0.46
42159	6 ft RapidRun DB9 + RCA Component Flying Lead	0.70
42160	10 ft RapidRun DB9 + RCA Component Flying Lead	1.02

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Conductor (Qty. 3):

Conductor Type:	28 AWG 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

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

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

DB9 Connector (Qty. 1):

Connector Type:	DB9
Gender:	Male
Contact Material:	Brass, 3µm Gold Plating
Insulation:	Black PBT

Note: Pin 6 is not loaded. All other pins are wired straight through.

RCA Connector (Qty. 3):

Connector Type:	4-pin Mini Din
Gender:	Male
Contact Material:	Brass, 3µm Nickel Plating
Insulation:	Red PBT, Green PBT, Blue PBT

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 – 0.76 mm Matte PVC Yellow Heat Shrink

