



### **RapidRun<sup>®</sup> HD15 + 3.5mm + XLR (Male) Balanced Audio Flying Lead**

- Color Code: Yellow (for use with PC runners)
- Supports transmission of RGBHV signals (does not support data-bit transmission), 3.5mm stereo audio, and XLR balanced audio
- Three 28AWG coaxial cables with braided copper shielding, three 24AWG twisted pair, and a single 24AWG pair
- Fully molded connectors provide excellent strain relief
- Lifetime Warranty

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

# Specifications: RapidRun® HD15 + 3.5mm + XLR (Male) Balanced Audio Flying Lead

## Electrical Characteristics:

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### 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	0.1419
	10MHz	0.86	0.4058
	100MHz	2.98	1.259
	200MHz	4.45	1.823
	500MHz	6.72	3.0028
	700MHz	9.95	3.64
	1000MHz	13.20	4.5923

### 3 Twisted Pair Conductors

DC Resistance:	93.25 Ω/m at 20°C
Dielectric Strength:	750VAC/ minute min.
Insulation Resistance:	100 Mohm/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 (lbs)
42342	6 ft RapidRun HD15 + 3.5mm + XLR (Male) Balanced Audio Flying Lead	0.50

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## 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

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

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

## VGA Connector (Qty. 1):

Connector Type:	HD15
Gender:	Male
Contact Material:	Brass, 3µm Gold Plating
Insulation:	Black PBT

Note: Pin 9 is not loaded.

## 3.5mm Connector (Qty. 1):

Connector Type:	3.5mm Stereo
Gender:	Male
Contact Material:	Brass, 3µm Nickel Plating
Insulation:	Black PBT

## XLR Connector (Qty. 1):

Connector Type:	3-Pin XLR
Gender:	Male
Contact Material:	Brass, 3µm Silver 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

