



### **RapidRun<sup>®</sup> 3.5mm Audio Breakout Adapter Cable**

- Color Code: Yellow (for use with PC Runners)
- Breakout and run a separate 3.5 mm audio signal from the yellow RapidRun Runner
- 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
- Fully molded connector provides excellent strain relief
- Lifetime Warranty

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

## Specifications: RapidRun® 3.5 mm Audio Breakout Adapter Cable

### 3 Coax Conductors

Impedance:	75 ± 5 Ohm
Capacitance:	71 ± 2 pF/ ft nom
Velocity of Propagation:	78 ± 1%
DC Resistance:	237 ± 10 Ω/km
Dielectric Strength:	500VAC/1 minute min.
Insulation Resistance (500V):	10 MΩ/KM
Attenuation (dB/6m):	

	Red Coax	Green Coax	Blue Coax
1 MHz	0.1464	0.1376	0.1419
10 MHz	0.86	0.97	0.4058
100 MHz	2.98	3.23	1.259
200 MHz	4.45	4.87	1.823
500 MHz	6.72	7.75	3.0028
700 MHz	9.95	12.01	3.64
1000 MHz	13.20	17.52	4.5923
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### 3 Twisted Pairs + 2 Conductors

DC Resistance:	93.25 Ω/m at 20°C
Dielectric Strength:	750VAC/ 1 minute min.
Insulation Resistance:	100 Mohm/KM at 20°C

### Physical Characteristics:

Voltage Rating:	30V
Temperature Rating:	80°C
Temperature Range:	-25° ~ 80° C

Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Polybag

Item	Description	Weight (lbs)
42166	6in RapidRun® 3.5mm Audio Breakout Adapter Cable	0.5

## Specifications: RapidRun® 3.5mm Audio Breakout Adapter Cable

### 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
Shield:	Aluminum Mylar® Wrap 100% (Twisted Pair Only)
Drain Wire:	24AWG 7/0.20 Tinned Copper (Twisted Pair Only)

### 3.5mm Connector (Qty. 1):

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

Note: Pin 9 is not loaded.

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

Connector Type:	DIN 15 pin
Gender:	Male
Contact Material:	Brass, 3µm Tin Plating
Insulation:	Black PBT

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

Connector Type:	DIN 15 pin
Gender:	Female
Contact Material:	Brass, 3µm Tin 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
Outer Diameter:	9.0 ± 0.15mm

