



RapidRun[®] 6in 3.5mm Audio Breakout Adapter Cable - Display

- Color Code: Yellow (for use with PC runners)
- Designed for applications where audio and video are delivered to separate equipment in different locations. The breakout will occur at the display end of the runner cable
- 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® 6in 3.5mm Audio Breakout Adapter Cable - Display

Electrical Characteristics:

3 Coax Conductors:

Impedance:	75 ± 50hm			
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	0.1419
	10MHz	0.86	0.97	0.4058
	100MHz	2.98	3.23	1.259
	200MHz	4.45	4.87	1.823
	500MHz	6.72	7.75	3.0028
	700MHz	9.95	12.01	3.64
	1000MHz	13.20	17.52	4.5923

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
42144	RapidRun 6in 3.5mm Audio Breakout Adapter Cable	0.50

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Conductor (Qty. 3):

Conductor Type:	28AWG 7/0.127 Tinned Copper
Dielectric:	Minimum Avg. Thickness: 1.57 mm Foam PE
Shield:	Spiral 90% Coverage Tinned Copper
Insulation:	Minimum Avg. Thickness: 0.23mm PVC: (1) red, (1) blue, (1) green

3.5 mm Connector (Qty. 1):

Connector Type:	3.5mm Stereo
Gender:	Female
Contact Material:	Brass with 3µm Nickel Plating

RapidRun Din Connector (Qty. 1):

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

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

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

RapidRun Din Connector (Qty. 1):

Connector Type:	DIN 15 pin
Gender:	Female
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

