



RapidRun® HD15 + 3.5mm Audio + Composite Video + Stereo Audio Flying Lead

- Colour Code: Orange (for use with Multi-Format runners)
- Supports transmission of RGBHV signals (Does not support data-bit transmission), 3.5mm stereo audio, and RCA composite audio/video
- Three 28AWG coaxial cables with braided copper shielding, three 24AWG individually shielded 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® HD15 + 3.5mm Audio + Composite Video + Stereo Audio Flying Lead

Electrical Characteristics:

3 Coax Conductors:

Impedance:	75 ± 5Ohm
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):	

3 Twisted Pair Conductors

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

	Red	Green	Blue
	Coax	Coax	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

Physical Characteristics:

Voltage Rating:	30V	Approvals:	RoHS Compliant
Temperature Rating:	80°C	Warranty:	Lifetime
Temperature Range:	-25° ~ 80°C	Package Type:	Polybag
Minimum Bend Radius	90mm		

Conductor (Qty. 3):

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

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

Conductor Type:	24AWG 7/0.2 Tinned Copper
Foil Shield:	Aluminium 100% coverage
Insulation:	Min Avg. Thickness: 0.23mm PVC

Overall Cable:

Shield:	Aluminium Mylar Wrap – 100% Braided Shield 24/8/0.12 85% Coverage Tinned Copper
Jacket:	Min Avg. Thickness – 0.76mm Matte PVC Orange Heat Shrink

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

RCA Connector (Qty. 3):

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

RapidRun Din Connector (Qty. 1):

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

Part Number	Description	Weight (Kg)
87115	0.5m RapidRun VGA (HD15) + 3.5mm + Composite Video + Stereo Audio Flying Lead (1.5ft)	0.186

