



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

- Color 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 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

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:	Minimum Avg. Thickness: 1.57 mm Foam PE
Shield:	Spiral 90% Coverage Tinned Copper
Insulation:	Minimum 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:	Aluminum 100% coverage
Insulation:	Minimum Avg. Thickness: 0.23mm PVC

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 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



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Item	Description	Weight (lbs)
60018	1.5 ft RapidRun HD15 + 3.5mm + Composite Video + Stereo Audio Flying Lead	0.41
60019	3 ft RapidRun HD15 + 3.5mm + Composite Video + Stereo Audio Flying Lead	0.66
60020	6 ft RapidRun HD15 + 3.5mm + Composite Video + Stereo Audio Flying Lead	1.02
60021	10 ft RapidRun HD15 + 3.5mm + Composite Video + Stereo Audio Flying Lead	1.49

