



RapidRun[®] HD15 Male + Composite Video Flying Lead

- Color Code: Yellow (for use with PC Runners)
- 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® HD15 Male + Composite Video Flying Lead

Electrical Characteristics:

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):

Frequency	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

3 Twisted Pairs + 2 Conductors

DC Resistance: 93.25 Ω/m @ 20°C
Dielectric Strength: 750VAC/1 minute min.
Insulation Resistance: 100 Mohm/KM @ 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)
40875	1.5ft RapidRun HD15 + Composite Video Flying Lead	0.28
40877	3ft RapidRun HD15 + Composite Video Flying Lead	0.38
40878	6ft RapidRun HD15 + Composite Video Flying Lead	0.58

Specifications: RapidRun® HD15 Male + Composite Video Flying Lead

Conductor (Qty. 3):

Conductor Type:	28AWG 7/0.127 Tinned Copper
Dielectric:	Min. Avg. Thickness: 1.57mm Foam PE
Shield:	Spiral 90% Coverage Tinned Copper
Insulation:	Min. 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:	Min. Avg. Thickness: 0.23mm PVC
Shield:	Aluminum Mylar® Wrap 100% (Twisted Pair Only)
Drain Wire:	24AWG 7/020 Tinned Copper (Twisted Pair Only)

HD15 Connector (Qty. 1):

Connector Type:	High Density D-Sub 15-pin
Gender:	Male
Contact Material:	Brass, 3µm Gold Plating
Insulation:	Black PBT

Note: Pin 9 is not loaded.

RCA Connector (Qty. 1):

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

Overall Cable:

Shield:	Aluminum Mylar Wrap – 100% Braided Shield 24/8/0.12 -85% Coverage - Tinned Copper
Jacket:	Min. Avg. Thickness – 0.76mm Matte PVC
Outer Diameter:	8.0 ± 0.15mm

