



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

- Color Code: Yellow (for use with PC 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 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 + 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): | 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 |

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 (lbs) |
|-------|---|--------------|
| 42323 | 1.5 ft RapidRun HD15 + 3.5mm + Composite Video + Stereo Audio Flying Lead | 0.41 |

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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: 0.23 mm 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 |

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 |

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 |

