



RapidRun® HD15 + 3.5mm + RCA Audio/Video Wall Plate

- Colour Code: Orange (for use with Multi-Format runners)
- Supports resolutions up to 1900 x 1200 pixels (UXGA resolution)
- Three 28AWG coaxial cables with braided copper shielding, three 24AWG individually shielded twisted pair, and a single 24AWG pair
- Fits into a standard UK single gang box (minimum 30mm depth)
- Lifetime Warranty

*The specifications apply only to the raw cable used to construct the cable assemblies



Specifications: RapidRun® HD15 + 3.5mm + RCA Audio/Video Wall Plate

Electrical Characteristics:

3 Coax Conductors:

Impedance:	75 ± 5Ω
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	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

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):

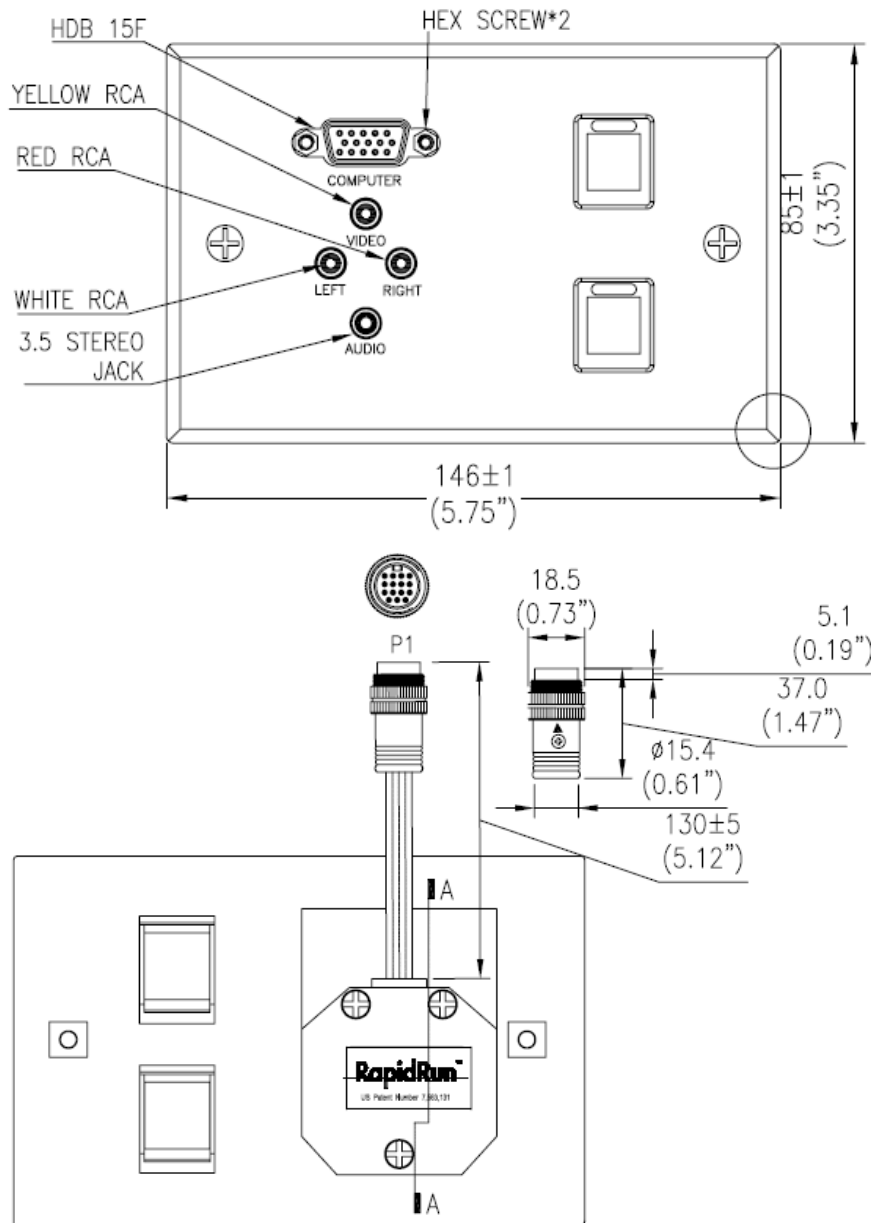
Connector Type:	RCA
Gender:	Male
Contact Material:	Brass, 3µm Gold Plating
Insulation:	White PBT

RapidRun Din Connector (Qty. 1):

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



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Part Number	Description	Weight (Kg)
87101	RapidRun Single Gang HD15 + 3.5mm + RCA Audio/Video Wall Plate—Brushed Aluminium	0.177
87105	RapidRun Double Gang HD15 + 3.5mm + RCA Audio/Video + (2) Keystone Wall Plate—Brushed Aluminium	0.213

