



RapidRun[®] Double Gang Integrated HD15 + 3.5mm + S-Video + RCA Audio/Video + (2) Keystone Wall Plate

- Color Code: Yellow (for use with PC runners) and Blue (for use with Multimedia 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
- Five 28AWG coaxial cables with braided copper shielding
- Fits into most double gang J-boxes.
- Lifetime Warranty

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

** Both a PC and Multimedia runner are required for this plate

Specifications: RapidRun® Double Gang Integrated HD15 + 3.5mm + S-Video + RCA Audio/Video + (2) Keystone Wall Plate

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 at 20°C
Dielectric Strength:	750VAC/1 minute min.
Insulation Resistance:	100 Mohm/KM at 20°C

Physical Characteristics:

Voltage Rating:	30V
Temperature Rating:	80°C
Temperature Range:	-25° ~ 80°C

Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Box

Item	Description	Weight (lbs)
42304	RapidRun HD15 + 3.5 mm Stereo Audio + S-Video + Composite Audio/Video Wall Plate + 2 Keystone – Brushed Aluminum	0.58

Specifications: RapidRun® Double Gang Integrated HD15 + 3.5mm + S-Video + RCA Audio/Video + (2) Keystone Wall Plate

Conductor (Qty. 3):

Conductor Type:	28AWG 7/0.127 Tinned Copper
Dielectric:	Minimum Avg. Thickness: 1.57mm Foam PE
Shield:	Spiral 90% Coverage Tinned Copper
Insulation:	Minimum 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:	Minimum Avg. Thickness: 0.23mm PVC

HD15 Connector (Qty. 1):

Connector Type:	High Density D-Sub 15 pin
Gender:	Female
Contact Material:	Brass, 3µm Gold Plating
Insulation:	Black PBT
Note: Pin 9 is not loaded.	

3.5 mm Connector (Qty. 1):

Connector Type:	3.5 mm Stereo
Gender:	Female
Contact Material:	Brass, 3µm Nickel Plating

RapidRun Din Connector (Qty. 1):

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

Overall Cable:

Jacket:	Yellow Heat Shrink
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Electrical Characteristics:

5 Coax Conductors	
Impedance:	75 ± 5Ω
Capacitance:	66.2 ± 5 pF/m nom
Velocity of Propagation:	78 ± 1 %
DC Resistance:	0.221 Ω/m at 20°C
Dielectric Strength:	500VAC/1 minute; No breakdown
Insulation Resistance (500V):	100MΩ/KM at 20°C

Attenuation:

Frequency	Conductor 1-Red		Conductor 2-Green		Conductor 3-Blue		Conductor 4-Black		Conductor 5-White	
	dB/15m	dB/45m	dB/15m	dB/45m	dB/15m	dB/45m	dB/15m	dB/45m	dB/15m	dB/45m
1 MHz	0.12	0.42	0.24	0.85	0.18	0.73	0.11	0.71	0.16	0.78
10 MHz	0.86	2.53	0.9	2.89	0.89	2.84	0.75	2.76	0.85	2.94
50 MHz	2.07	6.13	2.23	6.55	20.9	6.44	2.04	6.42	2.11	6.65
100 MHz	2.98	9.06	3.23	9.49	3.06	9.28	3.01	9.37	3.12	9.63
200 MHz	4.45	13.58	4.87	14.21	4.53	13.79	4.57	14.17	4.55	14.33
400 MHz	6.72	20.56	7.75	21.83	6.93	20.98	7.16	20.93	6.96	21.67
700 MHz	9.95	29.84	12.01	31.24	10.24	30.27	10.81	28.08	10.25	31.55
1000 MHz	13.20	42.75	17.52	41.68	14.01	42.53	15.49	40.54	14.49	40.87

Physical Characteristics:

Voltage Rating:	30V
Temperature Rating:	80°C
Operating Temperature Range:	-25° C - 80°C
Minimum Bend Radius:	135 ± 5mm

Specifications: RapidRun® Double Gang Integrated HD15 + 3.5mm + S-Video + RCA Audio/Video + (2) Keystone Wall Plate

Conductor (Qty. 5):

Conductor Type:	28AWG 7/36 Tinned Copper
Insulation:	Minimum Avg. Thickness: 0.7mm Foam FEP
Shield:	AL-Foil – 100% Coverage Braided Tinned Copper 42±3/0.12 85% Min. Coverage
Jacket:	Minimum Avg. Thickness: 0.7mm PVC: (1) red, (1) green, (1) blue, (1) black, (1) white

RCA Connector (Qty. 3):

Connector Type:	RCA
Gender:	Female
Contact Material:	Brass, 3µm Nickel Plating
Insulation:	Yellow PBT, Red PBT, White PBT

S-Video Connector (Qty. 1):

Connector Type:	4-pin Mini Din
Gender:	Female
Contact Material:	Brass, 3µm Gold Plating
Insulation:	Black PBT

RapidRun Connector (Qty. 2):

Connector Type:	DIN 12 pin
Gender:	Male
Contact Material:	Brass, 3µm Gold Plating
Insulation:	Black PBT

Overall Cable:

Jacket:	Blue Heat Shrink
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