



RapidRun[®] 12 pin Din Wall Plate

- Color Code: Blue (for use with Multimedia runners)
- Five 28AWG coaxial cables with braided copper shielding
- Lifetime Warranty

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

Specifications: RapidRun® 12 pin Din Wall Plate

Electrical Characteristics:

5 Coax Conductors

Impedance:	75 ± 5Ω
Capacitance:	66.2 ± 5pF/m nom
Velocity of Propagation:	78 ± 1%
DC Resistance:	0.221Ω/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/15 m	dB/45 m	dB/15 m	dB/45 m	dB/15 m	dB/45 m	dB/15 m	dB/45 m	dB/15 m	dB/45 m
1MHz	0.12	0.42	0.24	0.85	0.18	0.73	0.11	0.71	0.16	0.78
10MHz	0.86	2.53	0.9	2.89	0.89	2.84	0.75	2.76	0.85	2.94
50MHz	2.07	6.13	2.23	6.55	20.9	6.44	2.04	6.42	2.11	6.65
100MHz	2.98	9.06	3.23	9.49	3.06	9.28	3.01	9.37	3.12	9.63
200MHz	4.45	13.58	4.87	14.21	4.53	13.79	4.57	14.17	4.55	14.33
400MHz	6.72	20.56	7.75	21.83	6.93	20.98	7.16	20.93	6.96	21.67
700MHz	9.95	29.84	12.01	31.24	10.24	30.27	10.81	28.08	10.25	31.55
1000MHz	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
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Polybag

Item	Description	Weight
42017	RapidRun 12 pin Din Wall Plate—White	0.25
42018	RapidRun 12 pin Din Wall Plate—Ivory	0.25
42034	RapidRun 12 pin Din Wall Plate—Black	0.25

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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

RapidRun Connector (Qty. 1):

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

RapidRun Connector (Qty. 1):

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

Overall Cable:

Jacket:	Blue Heat Shrink
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