



RapidRun[®] 12 pin Din (Green) Underminated Flying Lead

- Color Code: Green (for use with PC or 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 (Green) Unterminated Flying Lead

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/15m	dB/45m	dB/15m	dB/45m	dB/15m	dB/45m	dB/15m	dB/45m	dB/15m	dB/45m
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 ± 5 mm
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Polybag

Item	Description	Weight
42191	RapidRun 12 pin Din (Green) Unterminated Flying Lead	0.95

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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

Overall Cable

AL Mylar Shield: 100% Coverage

Braided Shield: 85% Coverage (42 ± 3/0.12 Tinned Copper)

Drain Wire: 7/34AWG Tinned Copper

Jacket: PVC – CL2 rated
Minimum Avg. Thickness: 0.7mm (min.)
Green Heat Shrink
O.D.: 9.5 ± 0.15mm

