



RapidRun[®] Panel-Mount 12-pin Din (Blue) Lead

- Color Code: Blue (for use with Multimedia runners)
- Five 28AWG coaxial cables with braided copper shielding
- Fully molded connector provides excellent strain relief
- Lifetime Warranty

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

Specifications: RapidRun® Panel-Mount 12-pin Din (Blue) 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 ± 5mm
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Polybag

Item	Description	Weight (lbs)
42182	RapidRun Panel-Mount 12-pin Din (Blue) Lead	0.16

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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

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.) O.D.: 9.5 ± 0.15mm Blue Heat Shrink

