



### **RapidRun® Plenum Rated Multimedia Runner Cables**

- CMP rated jacket for installations in plenum rated spaces
- Connector equipped with a protective pulling cap capable of 30lbs of pulling tension
- Five 28AWG coaxial cables with braided copper shielding
- Lifetime Warranty

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

## RapidRun® Plenum Rated Multimedia Runner Cables

### Electrical Characteristics:

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

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

Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Polybag

Item	Description	Weight
40757	15ft RapidRun Plenum Rated Multimedia Runner Cable	0.91
50731	25ft RapidRun Plenum Rated Multimedia Runner Cable	1.40
50732	35ft RapidRun Plenum Rated Multimedia Runner Cable	1.88
40759	50ft RapidRun Plenum Rated Multimedia Runner Cable	2.61
40760	75ft RapidRun Plenum Rated Multimedia Runner Cable	3.79
40761	100ft RapidRun Plenum Rated Multimedia Runner Cable	4.99
40762	125ft RapidRun Plenum Rated Multimedia Runner Cable	6.25
40763	150ft RapidRun Plenum Rated Multimedia Runner Cable	7.60

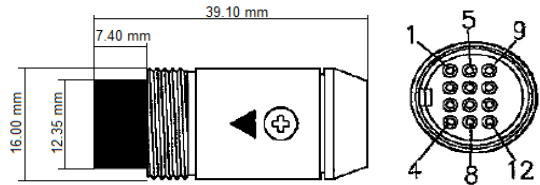
## Specifications: RapidRun® Plenum Rated Multimedia Runner Cables

### Conductor (Qty. 5):

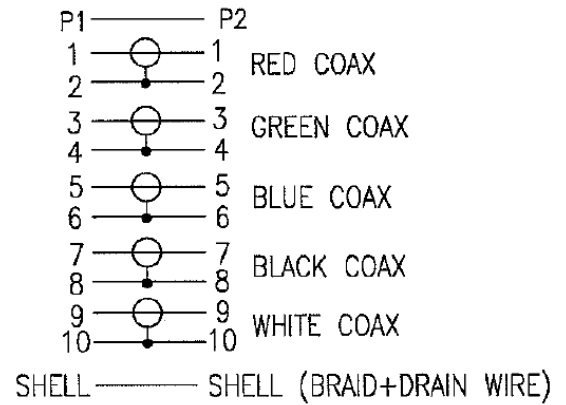
Conductor Type:	28AWG Tinned Copper
Insulation:	Minimum Avg. Thickness: 0.19mm Foam FEP
Shield:	AL-Foil – 100% Coverage Braided Tinned Copper 42±3/0.12 85% Min. Coverage
Jacket:	Minimum Avg. Thickness: 0.7mm PVC: (1) red, (1) green, (1) blue, (1) black, (1) white

### Connector (Qty. 2):

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



### PIN OUT



### Overall Cable

AL Mylar Shield:	100% Coverage
Braided Shield:	85% Coverage (42 ± 3/0.12 Tinned Copper)
Drain Wire:	7/34AWG Tinned Copper
Jacket:	Low Smoke PVC – CMP rated Minimum Avg. Thickness: 0.7mm O.D.: 7.7 ± 0.15mm Blue Heat Shrink

