



RapidRun[®] Plenum-Rated PC Runner Cable

- CMP rated for installations in plenum rated spaces
- Connectors equipped with a protective pulling cap capable of 30lbs of pulling tension
- Three 28AWG coaxial cables with braided copper shielding, three 26AWG twisted pair, and a single 26AWG pair
- Lifetime Warranty

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

Specifications: RapidRun® Plenum-Rated PC Runner Cable

Electrical Characteristics:

3 Coax Conductors:

Impedance:	75 ± 5Ohm
Capacitance:	53 ± 2pF/ ft nom
Velocity of Propagation:	80%
DC Resistance:	0.221Ω/m at 20°C
Dielectric Strength:	750VAC/1 minute min.
Insulation Resistance:	100MΩ/KM at 20°C
Attenuation (dB/6m):	dB/100ft
	1.0MHz 0.6
	3.6MHz 1.2
	5.0MHz 1.4
	7.0MHz 1.7
	9.0MHz 2.0
	10.0MHz 2.1
	30.0MHz 3.8
	50.0MHz 5.1
	100.0MHz 7.6

3 Twisted Pair Conductors

DC Resistance:	0.139Ω/m at 20°C
Dielectric Strength:	750VAC/ minute min.
Insulation Resistance:	100MΩ/KM at 20°C

Physical Characteristics:

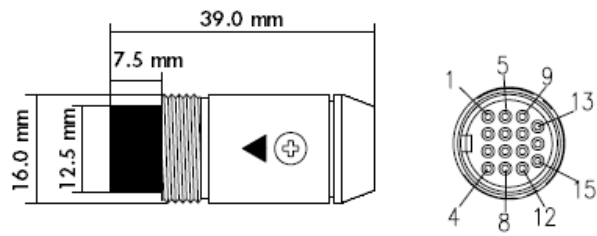
Voltage Rating:	300V
Temperature Rating:	75°C
Temperature Range:	-25° ~ 75°C
Minimum Bend Radius	82.5mm
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Polybag

Item	Description	Weight (lbs)
40750	15ft RapidRun Plenum Rated PC Runner Cable	1.01
50729	25ft RapidRun Plenum Rated PC Runner Cable	1.60
50730	35ft RapidRun Plenum Rated PC Runner Cable	2.20
40752	50ft RapidRun Plenum Rated PC Runner Cable	3.33
40753	75ft RapidRun Plenum Rated PC Runner Cable	4.70
40754	100ft RapidRun Plenum Rated PC Runner Cable	6.27
40755	125ft RapidRun Plenum Rated PC Runner Cable	7.92
40756	150ft RapidRun Plenum Rated PC Runner Cable	9.40

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Conductor (Qty. 3):

Conductor Type:	28AWG 7/36 Tinned Copper
Dielectric:	Minimum Avg. Thickness: 0.13mm Cellular FEP
Shield:	Braid 94% Coverage Tinned Copper
Insulation:	Minimum Avg. Thickness: 0.20mm Low Smoke PVC: (1) red, (1) blue, (1) green



Conductor (Qty. 3 twisted pair + 2 conductors):

Conductor Type:	26AWG 7/34 Tinned Copper
Insulation:	Minimum Avg. Thickness: 0.13 mm FEP

RapidRun Din Connector:

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

Overall Cable:

Shield:	Aluminum Polyester Tape – 125% Braided Shield 85% Coverage Tinned Copper
Drain Wire:	24AWG 7/0.20 Tinned Copper
Jacket:	Minimum Avg. Thickness– 2.49mm Low Smoke PVC

