



RapidRun® Digital DVI-D™ Active Flying Lead

- Color Code: Red (for use with Digital runners)
- Supports DVI-D high resolution video up to 1080p
- Uses four 24AWG shielded twisted pairs with drain wire, one 24AWG twisted pair, and five 24AWG conductors
- Mylar® foil shield and tinned copper braid overall
- Lifetime Warranty

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

Specifications: RapidRun® Digital DVI-D™ Active Flying Lead

Electrical Characteristics:

Impedance:	100 ± 10Ω		
DC Resistance:	DC300V		
Velocity of Propagation (nom.):	78 ± 1%		
Insulation Resistance (500V):	93.25Ω/KM at 20°C max.		
Attenuation (nom.):	Frequency	Min Limit	Max Limit
	1 ~ 825MHz	-5dB	-5dB
	825 ~ 2475MHz	-5dB	-12dB
	2475 ~ 4125MHz	-12dB	- 20dB
	4125 ~ 5100MHz	-20dB	-25dB
Maximum Speed:	225MHz		
Maximum Bandwidth:	6.75Gbps		
Maximum Refresh Rate:	60Hz		

Physical Characteristics:

Voltage Rating:	30V
Temperature Rating:	75°C
Operating Temperature Range:	-40°C ~ 75°C
Minimum Bend Radius	90mm
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Box

Item	Description	Weight
42418	RapidRun Digital DVI-D Active Flying Lead	0.78

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Conductor 1 (1 pair & 5 conductors):

Conductor Type: 24AWG (7/0.20)
Tinned Copper

Insulation: Minimum Avg. Thickness: 0.4mm
HD-PE I.D.: 1.3 ± 0.05 mm
(1 pair) yellow & orange,
(1) purple, (1) gray, (1) pink,
(1) red, (1) white

Conductor 2 (4 pair):

Conductor Type: 28AWG (7/0.20)
Silver Plated Copper

Insulation: Minimum Avg. Thickness: 0.4mm
FM-PE+SKIN
I.D.: 1.55 ± 0.05 mm
(1)white & brown, (1)white & red,
(1)white & green, (1)white & blue

Shield: Aluminum Mylar wrap 100%
Mylar 100%

Drain Wire: 24AWG (7/.20) Tinned Copper

DVI Connector:

Connector Type: DVI-D (18 + 1)
Gender: Male
Contact Material: Brass, 3 μ m Gold Plating
Insulation: Black PBT

RapidRun Din Connector :

Connector Type: 19 pin Din
Gender: Male
Contact Material: Brass, 1.5 μ m Gold Plating
Insulation: Black PBT

Overall Cable:

AL Mylar Shield: 100% Coverage
Braided Shield: 85% Coverage (24/12/0.10 TC)
Drain Wire: 24AWG (7/0.20 TC)
Jacket: PVC – CL2 rated
Minimum Avg. Thickness: 0.51 mm (min.)
O.D.: 10.5 ± 0.2 mm
Red Heat Shrink

