

Connections for the DVI-ST

When terminating cables onto the connector they should ALL be cut to the same length, DON'T shorten some for neatness.

The cable consists of a number of individual screen pairs normally contained with different coloured foil. The foil should be trimmed back, the drain wire should be sleeved in green (insulation stripped from 7/0.2 equipment wire is ideal) and then the end of the foil sleeved to stop the foil unravelling further. Keep these pairs twisted to the same extent as they are in the cable, don't be tempted to twist tighter. Try and maintain the twist as near as possible to the screw terminals.

The table below gives typical pin outs and you should verify these for the cable you are using.

DVI-I Signal	DVI-I Pin NO.
TMDS Data 2+	2
TMDS Data 2 Shield	3
TMDS Data 2-	1
TMDS Data 1+	10
TMDS Data 1 Shield	11
TMDS Data 1-	9
TMDS Data 0+	18
TMDS Data 0 Shield	19
TMDS Data 0-	17
TMDS Clock+	23
TMDS Clock Shield	22
TMDS Clock-	24
Analog Vertical Sync	8
DDC Clock	6
DDC Data	7
Ground	15
+5V Power	14
Hot Plug Detect	16
TMDS Data 3+	13
TMDS Data 3 Shield	11
TMDS Data 3-	12
TMDS Data 4+	5
TMDS Data 4 Shield	3
TMDS Data 4-	4
TMDS Data 5+	21
TMDS Data 5 Shield	19
TMDS Data 5-	20
Analog Red	C1
Analog Green	C2
Analog Blue	C3
Analog horizontal Sync	C4
Analog Ground for Red, Green & Blue Signals	C5