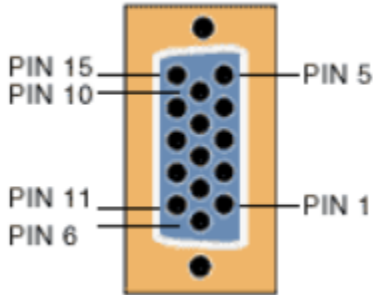



Matrox Genesis – Display Output Connector

The video output connector is a standard DB-15 female connector that provides analog video and digital synchronization signals to the monitor. The pin assignment is compatible with VGA monitors and is as follows:



Pin	Signal	Pin	Signal
1	Red	9	Not used
2	Green	10	Ground
3	Blue	11	Monitor ID 0
4	Monitor ID 2	12	Monitor ID 1
5	Ground	13	Horizontal sync
6	Ground	14	Vertical sync
7	Ground	15	Monitor ID 3
8	Ground		



A Matrox cable is available to interface to this connector. A custom cable can be built using the following components:

Part Description	Manufacturer	Part no.
Connector	DDK Electronics	DHA-PA68-3G
Shell	DDK Electronics	DHA-HPA68
Shell	DDK Electronics	DHA-HPA68

Note: Use twisted pair cable (twisted along signal pairs).