

# MaxBit™ VGA Cables

*Cables made for customers who think the best isn't good enough!<sup>SM</sup>*



**Manufactured to meet or exceed UL VW-1 standards**

**Ferrite Cores**

**Double shielded (foil and braided)**

**Quality HP-15 connectors**

**Molded connectors**

**Easy to use screws caps**

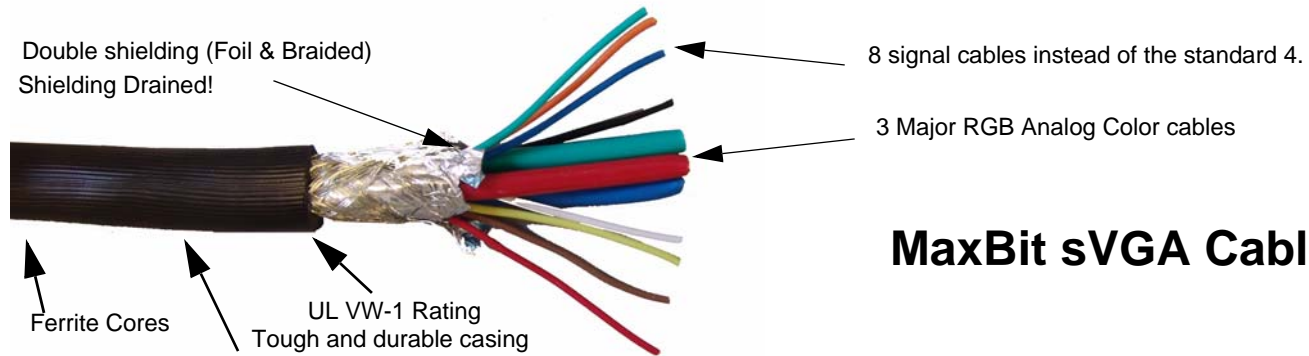
**Lengths from 1' to 100'**

**Male-to-Male or Male-to-Female ends**

**3 Analog & 8 signal connectors**

# MaxBit sVGA Cable Specifications

MaxBit sVGA cables are designed and built to exceed standard sVGA cable standards. Since the VGA standards are proprietary and not published, most consumers are not aware of the quality standards of sVGA cables. Because of this, many manufactures cut every corner possible to maximize their profits, and provide you with the poorest quality cable. When customers spend hundreds of dollars on quality monitors and video cards, then it only makes sense that they should buy the best quality cable. MaxBit cables cost the same as our competitors cheap cables. MaxBit believes that consumers deserve the best quality cables. Just take a look at the differences.



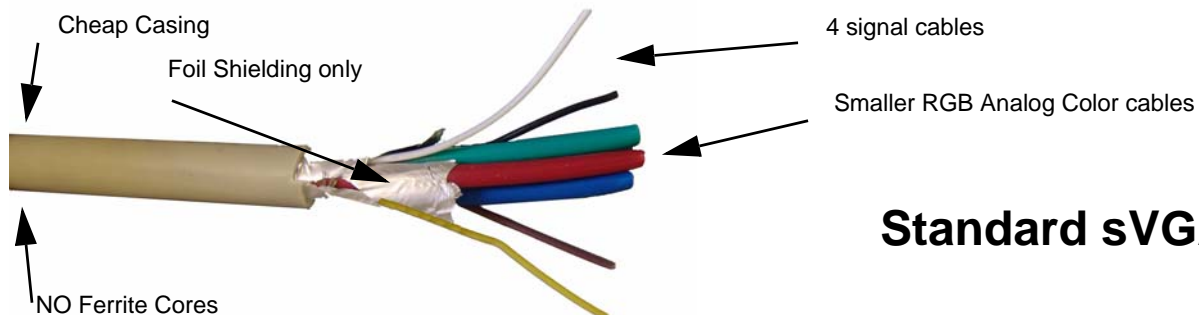
## MaxBit sVGA Cable

VGA cables can be made with 3 analog cables with 4 signal cables; 3 analog cables with 6 signal cables; 3 analog cables with 7 signal cables; or 3 analog cables with 8 signal cables. MaxBit VGA cables are always made with 3 analog cables with 8 signal cables. MaxBit VGA cables with IBM VGA, sVGA, VESA, etc.

MaxBit VGA cables are made double shielding. Double shielding of VGA cables makes the signal run faster and clearer than standard VGA cables. Standard VGA cables only come with foil shielding. MaxBit VGA cables come with foil shielding and Braided shielding. MaxBit VGA cables drain their shields through Pin #10 and the connector. This ensures that if the VGA board you are using drains their signals through the connector or Pin #10, you will be covered. Failure to drain the shield is worse than having no shield at all. MaxBit VGA cables come with Ferrite Cores on both cable ends.

MaxBit VGA cables casing is made to meet or exceed UL VW-1 Flammability standards. MaxBit VGA cables are made to meet or exceed UL 2919 standards. The cables are designed for 80C with 30 volts. The casing is thick and tough, to resist splitting and ripping.

Standard sVGA cables work with many cheaper monitors and flat screens. But better quality monitors and flat screens may require more signal cables to work correctly. Standard sVGA cables can cause ghosting, slow refreshing, and poor quality pictures. Standard sVGA cables are not capable of going much beyond 10 feet. MaxBit sVGA cables are capable of lengths up to 100'.



## Standard sVGA Cable

**Table 1: VGA Cabling Specifications**

Pin	Description	Signal	Wire Size	Color	Jumper of wires
Pin #1	Red Signal Cable	Analog	Thick Wire	Red	
Pin #2	Green Signal Cable	Analog	Thick Wire	Green	
Pin #3	Blue Signal Cable	Analog	Thick Wire	Blue	
Pin #4	ID	Digital	Thin Wire	Black	4, 10, 11, shielding, shell
Pin #5	Self Test	Digital	Thin Wire	Green	
Pin #6	Red Return	Digital	Thick Wire	Red	
Pin #7	Green Return	Digital	Thick Wire	Green	
Pin #8	Blue Return	Digital	Thick Wire	Blue	
Pin #9	NO pin or wire	Digital	Thin Wire		
Pin #10	Ground (including shielding)	Digital	Thin Wire	Black	4, 10, 11, shielding, shell
Pin #11	ID Bit	Digital	Thin Wire	Black	4, 10, 11, shielding, shell
Pin #12	ID Bit	Digital	Thin Wire	Brown	
Pin #13	Horizontal Sync	Digital	Thin Wire	Red	
Pin #14	Vertical Sync	Digital	Thin Wire	Orange	
Pin #15	ID Bit	Digital	Thin Wire	Yellow	

MaxBit VGA cables are made with Ferrite Cores on both ends of the cable.

**Connector Size: 32.5mmW x 16.3mmH x 48.0mmL**

**Ferrite Core distance from the end of the connector face: ~95mm**

**Ferrite Core Size: 20.4mm (diameter) by 34.7mm long**

**Wire Size: Signal Wire Size: 24 AWG - 2.4mm (Insulator core)**

**Connector: HP-15 - Screw size is 4/40 locknut (standard in the USA & Canada)**

Part #	Description of Part	Weight	Volume	Case Qty
12280-06	MaxBit sVGA cable HP-15-Male-to-Male Ferrites UL 2919 - 6'	.70 Lbs/Each	40.63 ci	50
12280-15	MaxBit sVGA cable HP-15-Male-to-Male Ferrites UL 2919 - 15'	1.41 Lbs/Each	79.63 ci	25
12280-25	MaxBit sVGA cable HP-15-Male-to-Male Ferrites UL 2919 - 25'	2.00 Lbs/Each	134.75 ci	20
12280-50	MaxBit sVGA cable HP-15-Male-to-Male Ferrites UL 2919 - 50'	4.20 Lbs/Each	270.00 ci	10
12280-100	MaxBit sVGA cable HP-15-Male-to-Male Ferrites UL 2919 - 100'	8.20 Lbs/Each	432.00 ci	5
Part #	Description of Part	Weight	Volume	Case Qty
12290-06	MaxBit sVGA cable HP-15-Male-to-Female Ferrites UL 2919 - 6'	.70 Lbs/Each	40.63 ci	50
12290-15	MaxBit sVGA cable HP-15-Male-to-Female Ferrites UL 2919 - 15'	1.41 Lbs/Each	79.63 ci	25
12290-25	MaxBit sVGA cable HP-15-Male-to-Female Ferrites UL 2919 - 25'	2.00 Lbs/Each	134.75 ci	20
12290-50	MaxBit sVGA cable HP-15-Male-to-Female Ferrites UL 2919 - 50'	4.20 Lbs/Each	270.00 ci	10
12290-100	MaxBit sVGA cable HP-15-Male-to-Female Ferrites UL 2919 - 100'	8.20 Lbs/Each	432.00 ci	5

Authorized MaxBit Dealer or Distributor:



**Catskill Supply, Inc**  
**Box 421**  
**Selkirk NY 12158**

**(888) 475-5044**  
**www.catskillsupply.com**