



UNPARALLELED CONVENIENCE IN A UNIQUE PACKAGE

DVI Fiber Optic Cables

**Detachable Transmit Module
with screw-in termination**

**Simple “pull-through” conduit
installation**

**Robust 0.7 inch (17.5 mm) cable
plug with pulling eye**

**Supports resolutions up to
1920 X 1200**

Fully compliant with DVI 1.0

**All components housed in
DVI-D shell**

**R,G,B and Clock signals
transmitted by optical fibers**

**DDC signal and +5VDC power
transmitted by copper wire**

Full EDID support via DDC

Powered at Receive Module

Low EMI / RFI profile

Laser eye safety features

UL plenum rated cable

XtendView® *InstallEase*™ DVI Fiber Optic Cables deliver flawless, noise-free digital connection over distances up to 100 meters (330'). This proprietary design with a detachable endpiece is specifically engineered for threading through conduit and cable troughs, vastly simplifying installation, while the optical fiber format eliminates signal transmission issues associated with copper.

XtendView *InstallEase* Fiber Optic Cable is the only integrated DVI Fiber Optic cable that can be instantly field terminated. The Transmit Module assembly is simply screwed on to the cable once the cable has been installed. No tools are required.

All optical and electrical components are conveniently housed in the connector shell. Four cores of hard polymer clad fiber carry the picture and synchronizing information. DDC signals are carried over an internal copper wire.

DTV resolutions for 480I, 480p, 720p, 1080I and 1080p are supported. Compatible computer resolutions include VGA, SVGA, XGA, SXGA, UXGA and WUXGA, up to 1900x1200 pixels. Full EDID pass through is provided.

XtendView *InstallEase* incorporates laser eye safety features: The laser is active only when the Transmit Module is connected to an operating graphics adapter and the powered Receive Module.

Coupled with RGB's Linx™ DVI 8x8 Switcher, XtendView Fiber Cables enable a complete end-to-end signal distribution solution. Digital switching plus optical transmission provide peak performance for even the most demanding applications.

RGB SPECTRUM®
a visual
communications
company™



Available Lengths:

30 meters

50 meters

70 meters

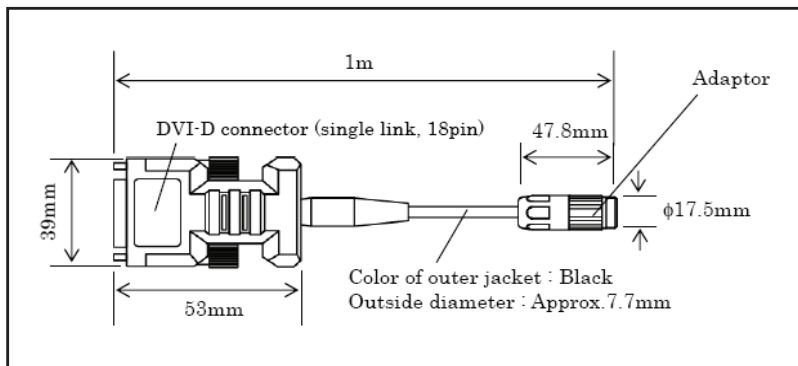
100 meters

Specifications

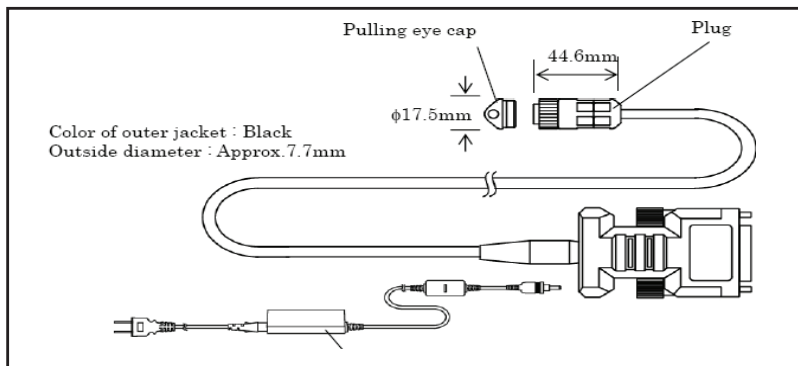
December 2007
Specifications subject to change without notice
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Supported Resolutions	VGA, SVGS, XGA, WXGA, SXGA, HDTV(1080P), UXGA
Maximum Pixel Clock	165 MHz
Available Lengths	30m (100'), 50m (165'), 70m (230'), 100m (330')
Power Supply	External (at receive module)
Power Requirement (max)	Transmit 200ma @ 5.5v Receive 150ma @ 5.5v
Operating temperature	0 ~ 50°C (32 ~ 122°F)
Permissible Tensile Load	50 kg (110 lbs)
Permissible Bending Radius	50mm (2 in)
Connector	DVI-D SingleLink [18 pins]
Fiber Type	H-PCF Graded Index Multi-mode
Cable Jacket Material	Flame retardant PVC
Optical Source	850nm VCSEL
Approvals	FCC class B, CE, VCCI

Transmit Module



Receive Module



For applications where the detachable-end feature is not required, XtendView Plug & Play cables offer a lower cost solution with the same high quality performance. Details available on separate brochure.

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