

C-FODM/FODM SERIES

Kramer's new all DVI cable system is constructed of high performance hybrid cable containing fiber optic and copper wires terminated with DVI-D connectors on each end. They are designed to transmit DVI-D signals extremely long distance over a copper cable carrying additional data required for HDCP compliance.

- Quality Construction - Kramer FODM cables comply with the DVI standard and support the DDC2B mode. They are very flexible and usually do not require external power, making them very "installer friendly".
- High Resolution - Compatible with all HDTV standards up to 1080p and all VESA resolutions up to WUXGA (1920x1200) at 60Hz refresh rate with 1 pixel/clock mode.
- Flexible Power Options - They draw +5V power on pin 14 from most source devices (some DVI source devices may not supply power on pin 14 and will require an external power adapter model PS-1DVI).
- HDCP Compliant - FODM cables are also compatible with the HDMI interface standard and are HDCP compliant.
- Varied Selection of Lengths - Kramer FODM cables are available in 10, 20, 30, 50 and 100 meters (33 to 330ft).



SPECIFICATIONS

Construction

CLAMPING STRENGTH TO CABLE:	14kgf
DIMENSIONS:	39mm/ 15.4mm / 53mm (W/H/D)
HYBRID FIBER-OPTIC CABLE:	Riser Jacket of retardant PVC employing 4 strands
MINIMUM BEND RADIUS:	15.4cm
TENSILE LOAD:	1,800N

Diameters

OUTER DIAMETER OF CABLE:	7.6mm.
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Electrical

EXTENSION LIMIT:	100m (328 feet) for WXGA (1600 x 1200) at 60Hz refresh rate
GRAPHIC TRANSMISSION BANDWIDTH:	Supports UXGA at 60Hz or 1.65Gbps bandwidth per graphic channel.
POWER SOURCE:	5 VDC, <500mA

Overall

HUMIDITY:	5% to 85%
OPERATING TEMPERATURE:	0°C to 50°C
STORAGE TEMPERATURE:	- 40°C to 70°C

Regulatory

COMPLIANCE WITH DVI STANDARD:	Supports DVI1.0 and DDC2B, fully implemented by fiber-optic communication, HDCP compatible
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CONFIGURATIONS

MODEL	DESCRIPTION
Male - Male	
C-FODM/FODM-33	6010-FIBER OPTIC
C-FODM/FODM-66	6020-FIBER OPTIC
C-FODM/FODM-98	6030-FIBER OPTIC
C-FODM/FODM-164	6050-FIBER OPTIC
C-FODM/FODM-328	6100-FIBER OPTIC