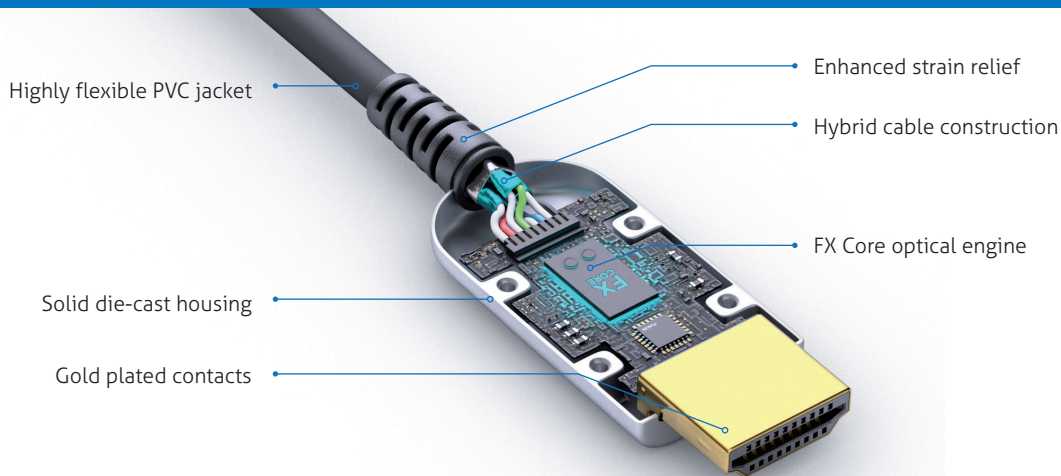


FiberX Series

FX-I350 | Active Optical HDMI 2.0 Cables



DESCRIPTION

The FiberX Active Optical HDMI 2.0 Cables FX-I350 transmits uncompressed Audio and Video signals up to 100m distance.

This compact cable is designed for professional applications - it handles full 18 Gbps bandwidth with supreme 24/7 reliability while providing simple plug and play usability. It contains both fiber optic and copper cores, is lightweight, flexible and has an ultra-small bend radius.

With it's advanced optical engine the HDMI Hybrid Cable provides full HDMI signal integrity and supports CEC, transparent EDID and HDCP as well as zero frame delay, no latency, no compression. The end user experience is that of a short high quality copper cable. Connect and perform.

FEATURES AND PERFORMANCE

- Active optical fiber transmission at full 18 Gbps bandwidth
- Resolutions up to 4K@60Hz 4:4:4 incl. HDR 10, HDR 12 and Dolby Vision
- HDMI 2.0, HDMI 1.x and DVI 1.0 compliant
- HDCP 2.2, HDCP 1.4 compliant
- Supports CEC and transparent EDID
- Zero frame delay, no latency, no compression
- Hybrid Construction, super lightweight, small bend radius, compact design
- Supports all HDMI audio formats incl. Dolby TrueHD and DTS-HD Master Audio
- Kevlar reinforced sheath
- Easy Plug & Play installation
- Metal housing for optimized EMI protection

APPLICATION

INPUT

- Graphic Cards
- Gaming Devices
- Blu-ray
- DVR
- Computer
- Set-top Box

← Plug & Play connection up to 100 meters. →



OUTPUT

- TV
- Monitor
- Projector



DETAILED TECHNICAL SPECIFICATION

Connections	
Plug material	Die-cast zinc alloy
Contact material	24 carat gold plating
Shielded	Yes
Connector 1	HDMI Type A male (19pin)
Dimension connector 1	39.0 x 20.0 x 9.0 (mm)
Connector 2	HDMI Type A male (19pin)
Dimension connector 2	39.0 x 20.0 x 9.0 (mm)

Cable	
Type	Round cable
Construction	Hybrid optical cable 4x OM3 fiber 7x Copper wire
Outer sheath material	High flexible PVC
Outer sheath diameter	4.5mm
Bend radius	20mm
Pulling strength	10kg

Signal Transmission	
Transmission modes	Digital audio and video signals
Standard	HDMI2.0, HDCP2.2, HDR 10, HDR 12 and Dolby Vision incl. RGB, YCbCr 4:4:4, CEC, EDID, HEAC, ARC
Bandwidth	18Gbps (6 Gbps / Colour)
Resolution	Up to 4K / UltraHD / 2160p (4096x2160) @60Hz, 4:4:4
Supported audio	Up to Dolby Atmos / DTS HD Master Audio

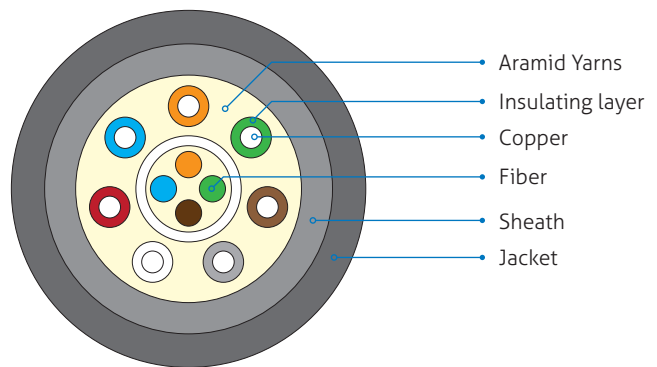
General	
Transmission distance	Up to 100m
Operation / storage temperature	-10-50°C / -20-60°C
Humidity	10% - 80% RH
Power supply	No external power required (draws current from source)
Power consumption	0.25 W (max)
Certification	CE, FCC, REACH, ROHS

Connector
Standard HDMI connector

Shield
Robust EMI shield

Strain Relief
Enhanced bending cycles

Hybrid Cable
High flexible PVC



PRODUCT OVERVIEW

Part Number	Color	Length	EAN	Weight	Quantity (PU)	Weight (PU)	Size (PU)
FX-I350-010	black	10 m	4251364713570	0.80 kg	10 pcs	8.0 kg	47 x 38.5 x 25.5 cm
FX-I350-015	black	15 m	4251364713587	0.95 kg	10 pcs	9.5 kg	47 x 38.5 x 25.5 cm
FX-I350-020	black	20 m	4251364713594	1.05 kg	10 pcs	10.5 kg	47 x 38.5 x 25.5 cm
FX-I350-025	black	25 m	4251364713600	1.25 kg	10 pcs	12.5 kg	47 x 38.5 x 25.5 cm
FX-I350-030	black	30 m	4251364713617	1.30 kg	10 pcs	13.0 kg	47 x 38.5 x 25.5 cm
FX-I350-040	black	40 m	4251364713624	1.55 kg	10 pcs	15.5 kg	47 x 38.5 x 25.5 cm
FX-I350-050	black	50 m	4251364713631	2.15 kg	10 pcs	21.5 kg	56.5 x 38.5 x 25.5 cm
FX-I350-060	black	60 m	4251364713648	2.35 kg	10 pcs	23.5 kg	56.5 x 38.5 x 25.5 cm
FX-I350-070	black	70 m	4251364713655	2.60 kg	5 pcs	13.0 kg	39 x 35 x 34.3 cm
FX-I350-100	black	100 m	4251364713662	3.70 kg	5 pcs	18.5 kg	39 x 35 x 34.3 cm