blake UK

HDMI Fibre Cable

Contents

Introduction

Product summary

Our HDMI Fibre Cable is designed for high-resolution applications like 8K video, allowing for longer distances without signal degradation. It is compatible with all previous HDMI versions, making it versatile for various setups. The fibre optic technology ensures less interference, providing a reliable and high-quality signal transmission over greater distances compared to standard HDMI cables.

Features & Benefits

- Available in various sizes
- 8K@60Hz@4:4:4
- 48Gbps bandwidth
- Compatible with HDMI 2.1 standard
- Support HDCP2.3@ARC
- Auto EDID function
- Hybrid optical cable with OM3 fibre optic and copper wire
- Plug and play

Applications

- **Large Corporate Offices:** Ideal for connecting conference room AV systems, enabling clear and reliable presentations and video conferences across large distances within office buildings.

- **Home Entertainment Systems:** Perfect for connecting high-definition TVs, projectors, and sound systems in home theatres, ensuring an immersive viewing experience without signal loss.

- **Educational Institutions**: Excellent for linking classroom AV equipment and projectors, allowing teachers to display high-resolution educational content clearly across large lecture halls and classrooms.

Step-By-Step Instructions

Please fully read through the instructions and tips section before installing the product.

1. Connect to the Display

   a. Plug the HDMI connector labelled "RX" or "Display" into the TV, monitor, or display device.

   Tip: Ensure the cable is not bent to a 180-degree angle; the bend radius should exceed 20mm.

2. Connect to the Source Device

   a. Plug the HDMI connector labelled "TX" or "Source" into the source device, such as a DVD player, PC, Xbox, etc.

   Tip: Double-check that all cables are connected correctly to prevent damage and ensure proper operation.

Additional Tips

b Keep the cable in dry conditions and prevent any contact with water.

b Avoid applying excessive force to the cable to prevent damage or breakage.

Technical Specification

Outer Diameter	(0.5-3m)7.8mm, (5m)8.0mm
Connector Colour	Gold
Jacket	PVC
Conductor	Gold plated
Resolution	8k/60HZ
Conductor Spec. (AWG)	(0.5-3m)28AWG, (5m)26AWG
Conductor Material	Oxygen-free copper
Picture Quality	3D Stereo Video
	7680*4320 Resolution
	Dynamic HDR
	Static HDR
	Static HDR
	Variable Refresh Rate (VRR)
	Quick Frame Transport (QMS)
	Auto Low Latency Mode (ALLM)
Sound Quality	Multiple audio streams are supported
	32 audio streams
	Automatic audio and video synchronisation
	1536KHz audio sampling rate
	Enhanced Audio Return Channel (eARC)
Rate	48Gbps
	Quick Frame Transport (QFT)