



## 1 Overview

The ALOGIC Pro Series High Speed HDMI Cable with Ethernet - Male to Male Ver 2.0 cables are designed to transmit HDMI digital video and audio signals. The Pro Series cables are engineered with unique TPE (Thermo Plastic Elastomer) low profile connectors and highly flexible ALOGIC exclusive 30AWG cable with low bend radius which offer easy to use design which enables use in limited space in equipments racks, AV furniture and wall mount/poll mount displays.

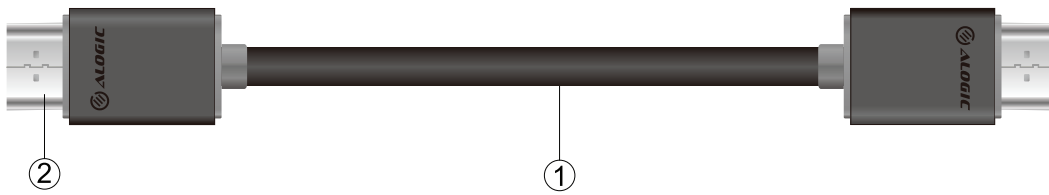
## 2 Features

- \* Supports Latest HDMI ver 2.0, Backward compatible with older versions.
- \* Highly flexible 30AWG cable made with 99.99% oxygen free copper with low bend radius enables use in limited space in equipments racks, AV furniture and wall mount/poll mount displays
- \* TPE (Thermo Plastic Elastomer) low profile connectors, which provides a comfortable grip and ease of use in limited spaces.
- \* Conforms to HDMI Ver 2.0 Specification. Data rates up to 10.2 Gbps. Refresh rates to 120 Hz. Colour depth to 48 bits - 16 bits per colour
- \* HDMI Ethernet Channel can take advantage of IP-enabled devices without a separate Ethernet cable.
- \* Supports 3D and Ultra HD/4K with resolutions up to 4096 x 2160.
- \* Supports ARC (Audio Return Channel, which allows a HDMI host to transmit audio data upstream eliminating the need for a separate audio cable
- \* Warranty: Life Time

## 3 Specifications

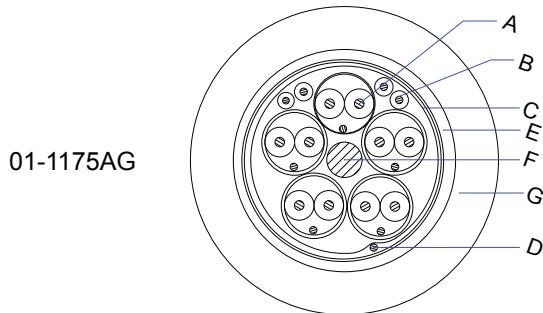
- \* Supports Latest HDMI ver 2.0, Backward compatible with older versions.
- \* 30 AWG OFC Conductor
- \* 0.63mm FPE Insulator
- \* 30 AWG Tinned Copper Drain
- \* Tinned Copper Braid Jacket Shielding
- \* 5.5mm PVC Insulation Jacket
- \* (1) HDMI Type A Male to (1) HDMI Type A Male

## 4 Design:



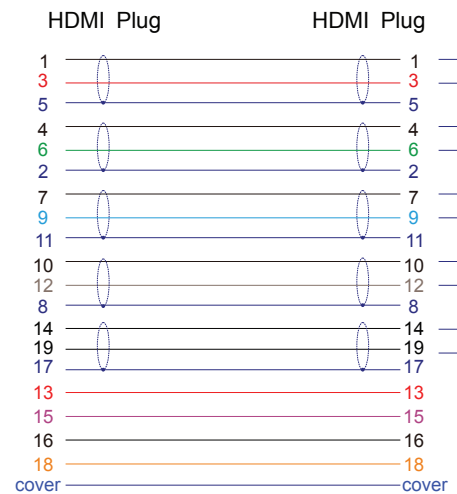
No.	Part No.	Descriptions	Q'ty
①	01-1175AG	Cable	1
②	02-1471P	HDMI Plug	2

## 5 Cable Specifications:



A	Conductor	Ø 0.1mm/7 30AWG OFC tinned copper wires
	Insulator	Ø 0.63mm FPE+SKIN
	Drain	Ø 0.1mm/ 7 30AWG OFC tinned copper wires
	Shield	Aluminium foil
B	Conductor	Ø 0.1mm/ 7 30AWG OFC tinned copper wires
	Insulator	Ø 0.63mm HDPE
C	Shield	Aluminium foil
D	Drain	Ø 0.1mm/7 OFC bare copper wires
E	Shield	Ø 0.1mm/16x9 tinned copper braided
F	Filler	Filler
G	Jacket	Ø 5.5mm PVC in dark gray color

## 6 Wiring Diagram:



## 7 Performance:

1.Standards:	HDMI 2.0
2.Data rate:	Supports up to 10.2 Gbps
3.Maximum resolution:	4096x2160 @ 60 Hz
4.Regulatory compliance: Safety:	UL 20276
5.Pair impedance:	100 ohms±20 ohms
6.Insertion Loss:	<-25 dB at 500 MHZ
7.Skew: Intrapair: Interpair:	<112 ps <1.78 ns

## 8 Part No.

Part No.	Length	Packaging	Colour
HDMI-01-MM-V4B	1m	Blister	Dark Grey
HDMI-02-MM-V4B	2m	Blister	Dark Grey
HDMI-03-MM-V4B	3m	Blister	Dark Grey
HDMI-05-MM-V4B	5m	Blister	Dark Grey
HDMI-0.5-MM-V4	0.5m	PE Bag	Dark Grey
HDMI-01-MM-V4	1m	PE Bag	Dark Grey
HDMI-1.5-MM-V4	1.5m	PE Bag	Dark Grey
HDMI-02-MM-V4	2m	PE Bag	Dark Grey
HDMI-03-MM-V4	3m	PE Bag	Dark Grey
HDMI-05-MM-V4	5m	PE Bag	Dark Grey
HDMI-7.5-MM-V4	7.5m	PE Bag	Dark Grey

## 9 Connection Guide

