



1 Overview

The ALOGIC SmartConnect DisplayPort to HDMI Cable - Male to Male cable is designed to connect a PC enabled with a DisplayPort output to display enabled with a HDMI input. The cable supports a maximum resolution of 1920 X 1080. The DisplayPort latching connectors provides a secure connection between the PC and the display with support for two way connectivity and optional audio support.

2 Features

- * Durable moulded DisplayPort connectors with latch design.
- * Gold Plated connectors for best connectivity and minimum losses.
- * Warranty: Life Time

3 Specifications

- * Aluminium and Mylar shielding to help eliminate EMI and RFI
- * Resolution capability of up to 1920×1080
- * (1) DisplayPort Male to (1) HDMI Male

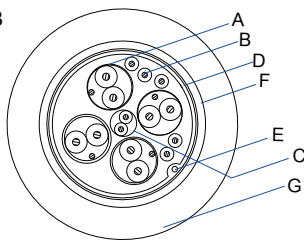
4 Design:



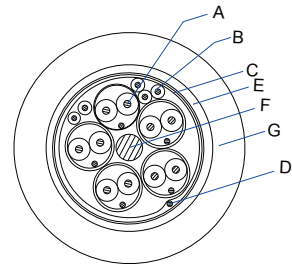
No.	Part No.	Descriptions	Q'ty
①	01-1058B	Cable	1
②	01-1279B	Cable	1
③	02-1471PG	HDMI Plug	1
④	02-1443PG	DP Plug	1

5 Cable Specifications:

01-1279B



01-1058B



A	Conductor	Ø 0.08mm/7 32AWG 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 0.08mm/7 32AWG OFC tinned copper wires
	Insulator	Ø 0.63mm HDPE
C	Conductor	Ø 0.08mm/7 32AWG OFC tinned copper wires
	Insulator	Ø 0.63mm HDPE
D	Shield	Aluminium foil
E	Drain	Ø 0.1mm/7 OFC bare copper wires
F	Shield	Ø 0.12mm/16x3 aluminium braided
G	Jacket	Ø 5.5mm PVC in black color

A	Conductor	Ø 0.06mm/7 34AWG OFC tinned copper wires
	Insulator	Ø 0.05mm FPE
	Drain	Ø 0.1mm/7 OFC tinned copper wires
	Shield	Aluminium foil
B	Conductor	Ø 0.06mm/7 34AWG OFC tinned copper wires
	Insulator	Ø 0.05mm HDPE
C	Shield	Ø Aluminium foil
D	Drain	Ø 0.1mm/7 OFC bare copper wires
E	Shield	0.12mm/16x3 aluminium braided
F	Filler	Ø Filler
G	Jacket	Ø 4.2mm PVC in black color

6 Performance:

1.Standards:	HDMI 1.4
2.Data rate:	Supports up to 10.2 Gbps
3.Maximum resolution:	1920x1080 @ 60 Hz
4.Regulatory compliance: Safety:	UL 20276
5.Pair impedance:	100 ohms±20 ohms
6.Insertion Loss:	<8 dB at 825 MHZ
7.Skew: Intrapair: Interpair:	<112 ps per 5m <2.4 ns per 5m

7 Part No.

Part No.	Length	Packaging	Colour
DP-HDMI-01-MM	1m	Retail Box	Black
DP-HDMI-02-MM	2m	Retail Box	Black
DP-HDMI-03-MM	3m	Retail Box	Black
DP-HDMI-05-MM	5m	Retail Box	Black

8 Connection Guide
