ALOGIC

1 Overview

The ALOGIC SmartConnect DisplayPort to DVI-D Cable - Male to Male cable is designed to connect a PC enabled with a DisplayPort output to display enabled with a DVI 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 loses.
* Warranty: Life Time

3 Specifications

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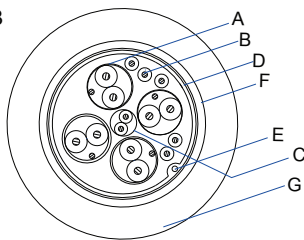* (1) DisplayPort Male to (1) DVI-D Male

4 **Design:**

No.	Part No.	Descriptions	Q'ty
①	01-1058B	Cable	1
②	01-1279B	Cable	1
③	02-1418PG	DVI Plug	1
④	02-1443PG	DP Plug	1

5 **Cable Specifications:**

01-1279B

A	Conductor	⌀ 0.08mm/7 32AWG OFC tinned copper wires
	Insulator	⌀ 0.63mm FPE+SKIN
	Drain	⌀ 0.1mm/7 30AWG OFC tinned copper wires
	Shield	Aluminium foil
B	Conductor	⌀ 0.08mm/7 32AWG OFC tinned copper wires
	Insulator	⌀ 0.63mm HDPE
C	Conductor	⌀ 0.08mm/7 32AWG OFC tinned copper wires
	Insulator	⌀ 0.63mm HDPE
D	Shield	Aluminium foil
E	Drain	⌀ 0.1mm/7 OFC bare copper wires
F	Shield	⌀ 0.12mm/16x3 aluminium braided
G	Jacket	⌀ 5.5mm PVC in black color

01-1058B
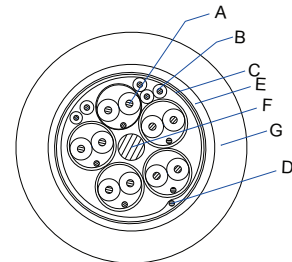
A	Conductor	⌀ 0.06mm/7 34AWG OFC tinned copper wires
	Insulator	⌀ 0.05mm FPE
	Drain	⌀ 0.1mm/7 OFC tinned copper wires
	Shield	Aluminium foil
B	Conductor	⌀ 0.06mm/7 34AWG OFC tinned copper wires
	Insulator	⌀ 0.05mm HDPE
C	Shield	⌀ Aluminium foil
D	Drain	⌀ 0.1mm/7 OFC bare copper wires
E	Shield	0.12mm/16x3 aluminium braided
F	Filler	⌀ Filler
G	Jacket	⌀ 4.2mm PVC in black color

6   **Performance:**

1.Standards:	DVI 1.0
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-DVI-01-MM	1m	Retail Box	■ Black
DP-DVI-02-MM	2m	Retail Box	■ Black
DP-DVI-03-MM	3m	Retail Box	■ Black
DP-DVI-05-MM	5m	Retail Box	■ Black

8   **Connection Guide**