



1 Overview

The ALOGIC Premium DisplayPort to DisplayPort Cable Ver 1.2 - Male to Male cable is designed to support the next generation application requirements with support for bandwidth up to 21.6 Gbps and a maximum resolution capability of up to UHD (3840 X 2160). The DisplayPort latching connectors provides a secure connection between the PC and the display with support for two way connectivity and optional audio support.

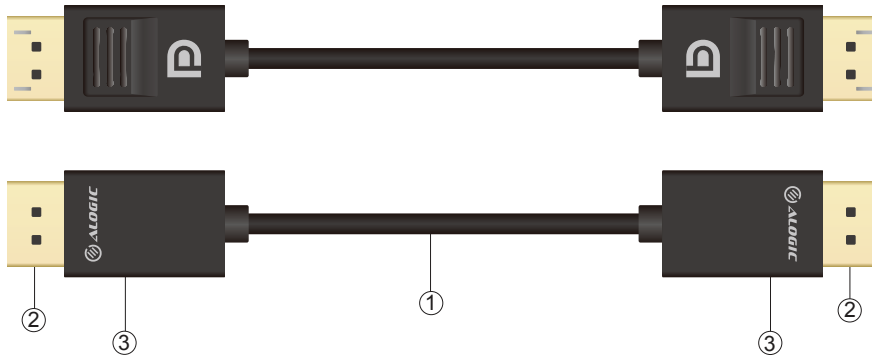
2 Features

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

3 Specifications

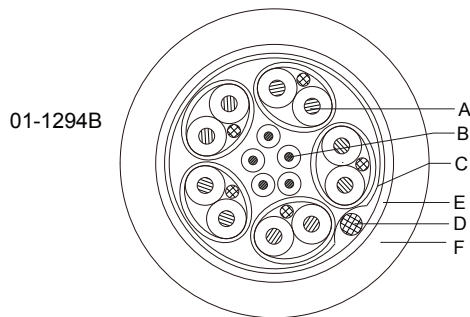
- * HDCP and DPCP capable
- * 28 gauge (AWG) pure copper wire
- * Aluminium and Mylar shielding to help eliminate EMI and RFI
- * Resolution capability of up to UHD (3840 X 2160)
- * Support for bandwidth up to 21.6 Gbps
- * (1) DisplayPort Male to (1) DisplayPort Male

4 Design:



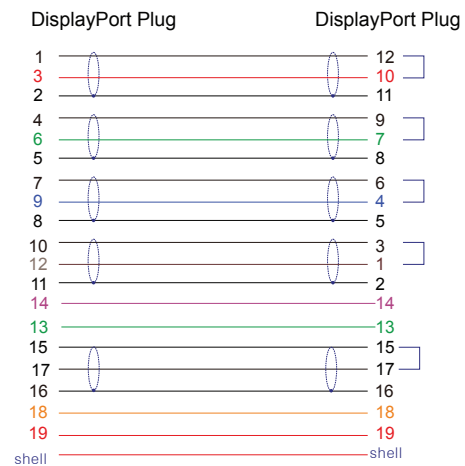
No.	Part No.	Descriptions	Q'ty
①	01-1294B	Cable	1
②	02-1443PG	HDMI Plug	2
③	35-DPB-A13	Shell	2

5 Cable Specifications:



A	Conductor	Ø 0.08mm/7 32AWG OFC tinned copper wires
	Insulator	Ø 0.63mm FPE+SKIN
	Drain	Ø 0.08mm/7 32AWG OFC tinned copper wires
	Shield	Aluminium foil
B	Conductor	Ø 0.08mm/7 32AWG OFC tinned copper wires
	Insulator	Ø 0.5mm HDPE
C	Shield	Aluminium foil
D	Drain	Ø 0.127mm/7 OFC bare copper wires
E	Shield	Ø 0.12mm/16x3 aluminium braided
F	Jacket	Ø 5.5mm PVC in black color

6 Wiring Diagram:



7 Performance:

1.Standards:	DP 1.2
2.Data rate:	Supports up to 21.6 Gbps
3.Maximum resolution:	3840 x 2400 @ 60 Hz
4.Regulatory compliance: Safety:	UL 20276
5.Pair impedance:	100 ohms±20 ohms
6.Insertion Loss:	<-32.9 dB at 8100 MHZ
7.Skew: Intrapair: Interpair:	<50 ps <4000 ps

8 Part No.

Part No.	Length	Packaging	Colour
DP-01-MM	1m	Retail Box	■ Black
DP-02-MM	2m	Retail Box	■ Black
DP-03-MM	3m	Retail Box	■ Black
DP-05-MM	5m	Retail Box	■ Black
DP-10-MM	10m	Retail Box	■ Black

9 Connection Guide
