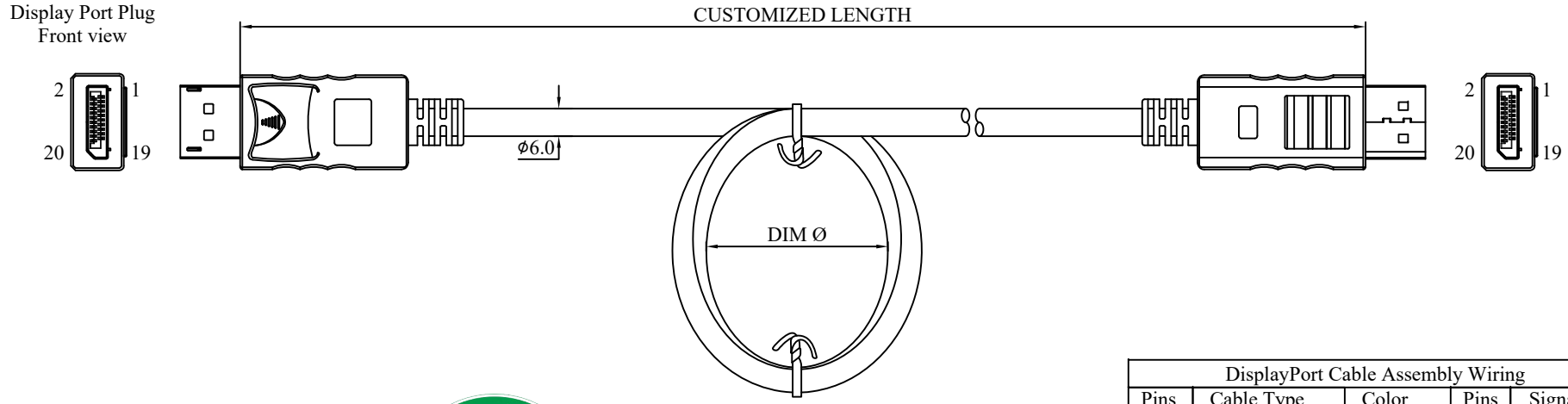
REV	ECN NO	DESCRIPTION	DATE	APPROVED
A	-	NEW RELEASED	2019.09.01	CINDY.LI

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Electrical specifications:

Use of voltage range: 30V

Current range: 0.5A

Temperature range: -20°C~+80°C

Material specifications

Cable: DisplayPort Cable (30AWGx1PR+DAM)x5C+ 30AWGx4C+ADB,OD6.0mm,Black PVC,UL20276

Connector: DisplayPort Standard

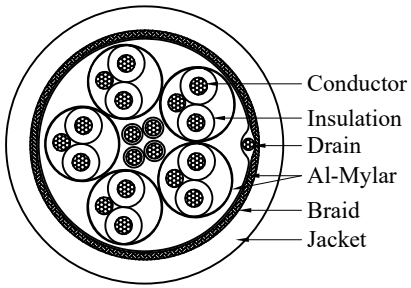
Body Shell: Black ABS

Electrical testing of finished cable

100% Open / Short / Miswiring testing

Insulation resistance: DC150V 10MΩMin

Conductor resistance: 3Ω Max



Cable section view

DisplayPort Cable Assembly Wiring				
Pins	Cable Type	Color	Pins	Signal Name
1	Twisted pair 1	RED	12	ML0-
3	Twisted pair 1	WHITE	10	ML0+
2	Drain	Drain	11	GND
4	Twisted pair 2	GREEN	9	ML1+
6	Twisted pair 2	WHITE	7	ML1-
5	Drain	Drain	8	GND
7	Twisted pair 3	BLUE	6	ML2+
9	Twisted pair 3	WHITE	4	ML2-
8	Drain	Drain	5	GND
10	Twisted pair 4	YELLOW	3	ML+
12	Twisted pair 4	WHITE	1	ML3-
11	Drain	Drain	2	GND
15	Twisted pair 5	BROWN	15	AUX+
17	Twisted pair 5	WHITE	17	AUX-
16	Drain	Drain	16	GND
13	Single Wires	BLUE	13	CONFIG1
14	Single Wires	RED	14	CONFIG2
18	Single Wires	WHITE	18	DETECT
19	Single Wires	VIOLET	19	GND
Shell	Shield	Shell	Shell	GND

UNMARKED TOLERANCES	
DIMENSIONS	TOLERANCE
x.	± 0.5
x.x	± 0.25
x.xx	± 0.15
0 to 500	+ 15 / -0
> 501	+ 3% / -0 of length
ANGLES	
x°	± 1°

TITLE: STANDARD DISPLAY PORT PLUG I/O CABLE ASSEMBLY

KIMKEE.LTD 2009 www.kimkee.cn

CUSTOMER	-	CUSTOMER PART NO.	-		
DRAWN BY	CINDY.LI	KIMKEE PART NUMBER	cable-dp	REV	SIZE
CHECKED BY	CLARA.TANG	DRAWING NUMBER	cable-dp	A	A3
APPROVED BY	HUAHUA.HE	SCALE FREE	ALL DIMENSION UNIT IN MM	SHEET 1 OF 1	