

# DR-PCB-DSPxxM

## DisplayPort Digital Ribbon Cables



Video Products Group

DR-PCB-DSPxxM



### DESCRIPTION

These plug-and-play, hot-swappable DisplayPort active optical cables are the best solution available for true 4K/60Hz/4:4:4 HDR content delivery over longer distances. They feature high-bandwidth video transmission, low power consumption, and low EMI with patented polymer optical fiber technology.

This is a simple, practical solution for ultra high-definition video distribution in conference and huddle rooms, classrooms and lecture halls, houses of worship, digital signage and many other commercial and residential home theater and gaming applications. Long-Reach DisplayPort active optical cables provide optical performance at the price and simplicity of copper, giving the user a complete connectivity solution at a low total cost.

### SPECIFICATIONS

- Cable Type: hybrid design with copper wire and patented monolithic ribbon
- Supported Resolution: 4K @ 60Hz 4:4:4 HDR
- Data Rate (per channel x 4): up to 5.4 Gbps
- Total Data Rate: 21.6 Gbps
- Power Consumption: 500 mW maximum
- UL Listing: CMP-OF
- Operating Temperature Range: 0 to 50° C
- Cable Dimensions: 5.1 mm x 3.1 mm
- Connectors: 20-pin male DisplayPort
- Maximum Tensile Load: 22 kg (50 lbs)
- Minimum Bend Radius: 5 mm
- DisplayPort Compliance: 1.2 or 1.3 depending on connected devices
- HDCP Compliance: 1.3 or 2.2 depending on connected devices

### ORDERING INFORMATION

Item #	Item Name	Length Meters	Length Feet
17971	DR-PCB-DSP10M Cable	10 Meters	33'
17972	DR-PCB-DSP15M Cable	15 Meters	50'
17973	DR-PCB-DSP23M Cable	23 Meters	75'
17974	DR-PCB-DSP30M Cable	30 Meters	100'



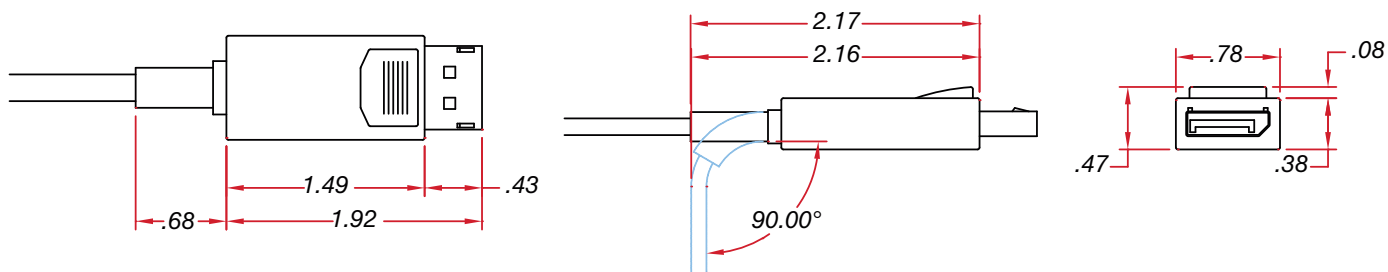
Specifications are subject to change without notice.

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LIT1683B

## DIMENSIONS



## APPLICATION

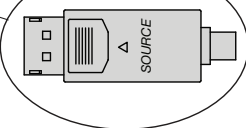
### DVD PLAYER (SOURCE)



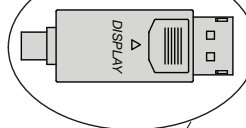
### DR-PCB-DSP-HxxM CABLE

(SHOWN WITH DIRECT CONNECTION  
OR COUPLER AND PASSIVE CABLE)

SOURCE  
CABLE END  
**DIRECT CONNECT ONLY**



DISPLAY  
CABLE END



USE 1" ID OR  
GREATER CONDUIT

DR-PCB-DSP -xxM  
**DIRECT CONNECTION  
AT SOURCE SIDE  
(REQUIRED)**



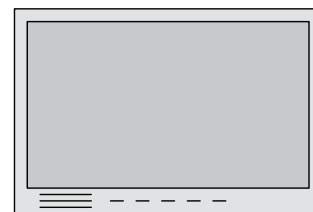
DR-PCB-DSP -xxM  
**DIRECT CONNECTION**

### COUPLER

DR-PCB-DSP -xxM WITH  
**COUPLER** MAXIMUM ONE  
PER SYSTEM ON **SINK** SIDE.

PASSIVE OUTPUT CABLE.  
15' MAXIMUM LENGTH

**OR**



**DISPLAY**



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