

Data sheet



Features

- 80Gbps high-speed: Enormous bandwidth for the most demanding setups.
- 16K/60Hz ready: Maximum image resolution for creative professionals.
- Sustainable: Over 20% recycled material and GRS-compliant manufacturing.
- Flexible: Robust TPE jacket for easy installation.
- Environmentally friendly packaging: Recyclable packaging included.



Description

Fair Series DisplayPort 2.1 Cable. Fair Series stands for GRS-compliant, fair, and environmentally friendly production. This DisplayPort cable features a super-flexible TPE cable jacket and a pure copper inner conductor. With bandwidths of up to 80 Gbps and resolutions of up to 16K at 60 Hz, this cable is perfect for multi-monitor setups and creative high-bandwidth applications. With sustainable packaging and cable production made from more than 20% recycled materials, we further minimize our ecological footprint.

Connections

Connection 1	DisplayPort Plug
Orientation 1	180°
Shielding 1	Shielded
Case 1	Aluminum plastic overmolded
Case color 1	black
Connection 2	DisplayPort Plug
Orientation 2	180°
Shielding 2	Shielded
Case 2	Aluminum plastic overmolded
Case color 2	black
Contact material	Gold-plated
Mating cycles	5000



Cable

Typ	Round Cable
Inner conductor material	Copper
Outer jacket material	TPE
Bending radius	≥ 43.8mm
Color outer jacket	black

Signal transmission

Standard	DP80 UHBR20
Transmission type	Digital Audio and Video Signals
Bandwidth	Up to 80 Gbps
Resolution	Up to: 15360 x 8640 @ 60 Hz / 7680 x 4320 @ 120 Hz / 3840 x 2160 @ 240 Hz / 3840 x 2160 @ 144 Hz (depending on the system and connected hardware)
Color space	4:4:4, 4:2:2 and 4:2:0
Audio standard	Up to 32 audio channels for speakers / Up to 1536 kHz audio sampling rate

Standards

Approval	-
Compliance	RoHS Reach CE
Temperature range	-10°C to +60°C



Item No.	Length	Tolerance	Cross section	Diameter	EAN
DP-MM-0,5M-GRS	0.5 m	+20/-20 mm	30 AWG	6.4±0.5 mm	4260424513876
DP-MM-1,0M-GRS	1.0 m	+30/-30 mm	30 AWG	6.4±0.5 mm	4260424513883
DP-MM-2,0M-GRS	2.0 m	+40/-40 mm	28 AWG	7.3 mm	4260424513890
DP-MM-3,0M-GRS	3.0 m	+70/-70 mm	28 AWG	7.3 mm	4260424513906

