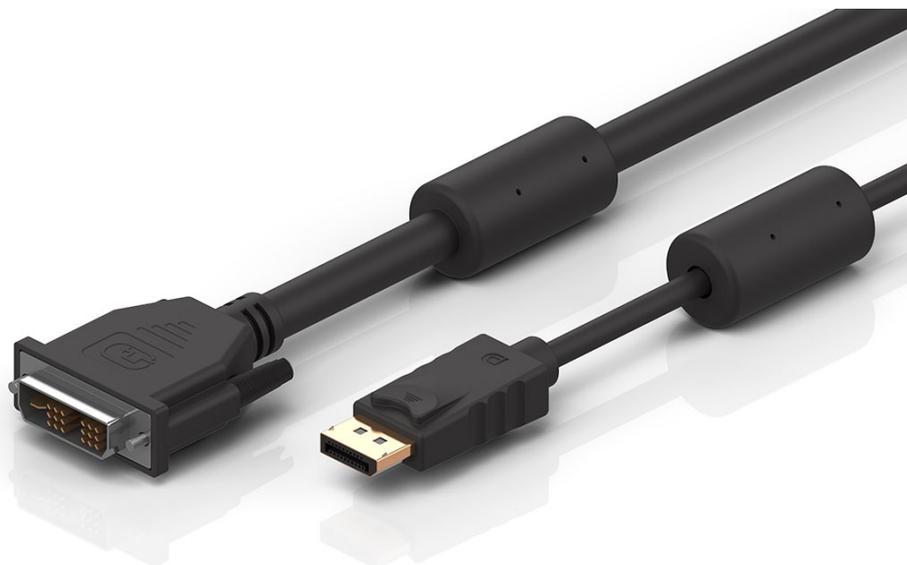


C9900-K780...K783, -K820 | DVI cable, shielded, PVC, black



DVI-D, plug, straight, male, 24+1-pin – DisplayPort, plug, straight, male, 20-pin



Plugs

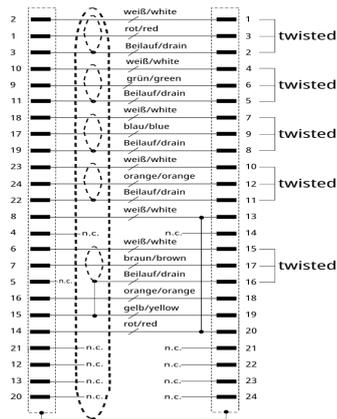
Electrical data	Head A	Head B
Rated voltage	40 V (AC)	40 V (AC)
Test voltage	300 V (DC) 0.01 s	500 V (AC), 1 min.
Rated current	1.5 A	0.5 A
Shielding	yes	yes
Contact resistance	< 30 mΩ	< 30 mΩ
Insulation resistance	1 GΩ	≥ 100 MΩ
Mechanical data		
Installation size	DVI-D	DisplayPort
Connector type	plug	plug
Configuration	straight	straight
Contact type	male	male
Number of positions (face)	24+1-pin	20-pin
Insertion force	max. 44.1 N	max. 44.1 N

Way of locking	screw	locking pin
Body color	black	black
Body material	PBT	thermoplastic
Contact carrier color	black	black
Contact plating	Au	Au
Contact material	CuZn, Ni b/Au	CuZn, Ni b/Au
Environmental data		
RoHS compliant	yes	yes
Protection rating	IP20	IP20

Cable

Electrical data		
Rated voltage	30 V	
Wire resistance	$\leq 237.25 \Omega/\text{km}$ (20°C)	
Characteristic impedance	100 $\Omega \pm 5 \Omega$	
Mechanical data		
Cable structure	5 x 2 x AWG28 (twisted pairs) + 4 x AWG28	
Conductor construction	19 x 0.08 mm	
Outer cable diameter	7.5 mm \pm 0.2 mm	
Min. bending radius, fixed installation	7 x outer cable diameter	
Conductor material	copper, tinned	
Shielding	braiding of tinned copper wires	
Optical covering factor of shielding	$\geq 90\%$	
Use	fixed installation	
Jacket color	black	
Material jacket	PVC (polyvinyl chloride)	
Wire color code	white, brown, white, red, white, green, white, blue, white, orange + white, red, yellow, orange	
Printing on the jacket	DisplayPort™ Cable E119932 AWM STYLE 20276 80°C 30V VW-1 network cables for professional performance	
Environmental data		
Operation temperature range, fixed installation	-10...+80°C, +14...+176°F	
Special features	AWM Style 20276	
RoHS compliant	yes	
Approvals	UL: File E119932	

Pin assignment



Dimensions



A1	ca. 56 mm
A2	ca. 40 mm
B1	approx. 41 mm
B2	approx. 20 mm

Notes

Depending on the cable length (L), the following length tolerances apply:
 0.33 m: ± 10 mm | 1.05 m: ± 15 mm | 3.00 m: ± 25 mm | 5.00 m: ± 40 mm
 - Illustrations similar
 - Further cable length on request.

CE, UL

CE	yes
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Ordering information

Ordering information	Length
C9900-K783	0.33 m
C9900-K780	1.00 m

C9900-K820	2.00 m
C9900-K781	3.00 m
C9900-K782	5.00 m



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

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