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Mogami 3080 Digital Audio Cable Black



Šifra: 14388
Kategorija prozivoda: DMX kablovi
Proizvođač: Mogami

Cena: 600,00 rsd

Part No.	W3159	W3228	W3080		W3135		W3173	W3160 ¯ W3163
Suggested Maximum applicable length	150m 492Ft			300m 1000Ft		150m 492Ft		

Part No. W3159 is for internal wiring material, Part No.3160 ¯ 3163 are multicore cables and other cables are for regular interconnect application. Part No. W3228 is compact size, flexible and durable cofiguration to meet tiny telephone plug cable clamp, therefore it is recommended for use with rough applications. And, Part No. W3173 is specially designed for long distance application assured over 300m.

However, above suggested maximum applicable length is based on use with any device that meets AES standard requirement without equalizer. In the case of use with an equalizer, the maximum applicable length can be expanded up to 1.5 times longer than assured length above. We have also prepared CAD program to see the changes of eye-diagram and transmitted wave form at the receiving end for various working conditions. Since AES/EBU digital audio cable is low capacitance characteristics, it can result in high quality analog audio transmission in general especially for high frequency range.

Bantam Patch Cord

110W AES/EBU digital audio cables pjd

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Part No.	PJD-12	PJD-18	PJD-24	PJD-36	PJD-48	PJD-60	PJD-72

Length	12" 30cm	18" 45cm	24" 60cm	36" 90cm	48" 120cm	60" 150cm	72" 180cm

Cable: Part No. W3228; Standard Color: Black only

SPECIFICATIONS

Configuration				110W AES/EBU digital audio cable			110W AES/EBU digital audio cable			110W AES/EBU		
Part No.				W3159			W3228			W3080		
No. of Conductor				2			2			2		
Conductor		Details		7/0.20A (7×#32AWG)			36/0.08OFC (36×#40AWG)			7/ (7		
Size		0.22mm² (#24AWG)		0.18mm² (#25AWG)			0.178mm² (#25AWG)			0. (#		
Insulation		Ov. Dia. (mm)		1.35Ø (0.053")			1.35Ø (0.053")			1. (0		
	Material			CPP			XLPE			XLPE		
Colors		Red/Light green		Red/Clear			Red/Clear			R		
Mono-filament Filler		Ov. Dia. (mm)		-			-			-		
Material		Cotton		LDPE (Clear)								
Drain Wire		Details		7/0.20A (7×#32AWG)			-			7/ (7		
Size		0.22mm² (#24AWG)		-			0.178mm² (#25AWG)			0. (#		
Served Shield				Approx. 79/0.10A (Approx. 79/#39AWG)			Approx. 98/0.10A (Approx. 98/#39AWG)			Approx. 60/0.12A (Approx. 60/#37AWG)		
Ov. Jacket		Ov. Dia. (mm)		3.2Ø (0.126"Ø)			4.8Ø (0.189"Ø)			5. (0 0.		

Material	PVC	PVC	Flexible PVC	Fl
Color	Black/Gray	Black	Black / Blue	Bl
Roll Sizes	50m (164 Ft) / 100m (328Ft) / 200m (656Ft)			77m (250 Ft) / 305m (1,000Ft)
Weight	2kg/100m Roll	3kg/100m Roll		3.3kg/100m Roll

ELECTRICAL & MECHANICAL CHARACTERISTICS

Part No.		W3159	W3228	
DC Resistance at 20°C	Inner Cond.	0.081Ω/m(0.0247Ω/Ft)	0.1Ω/m(0.031Ω/Ft)	
Shield Cond.	0.024Ω/m(0.0073Ω/Ft)	0.025Ω/m(0.0076Ω/Ft)	0.028Ω/m(0.0085Ω/F	
Capacitance at 1kHz, 20°C (effective capacitance value between inner twin)		46pF/m (14pF/Ft)	53pF/m (16pF/Ft)	
Inductance		0.8µH/m (0.24µH/Ft)	0.8µH/m (0.24µH/Ft)	
Characteristic Imperdance		110Ω±10%	110Ω±5%	
Attenuation (6MHz)		0.065dB/m (0.020db/Ft)	0.069dB/m (0.021db/Ft)	
Phase Constant (6MHz)		0.17rad/m	0.20rad/m	
Electrostatic Noise*		50mV Max.		

Electromagnetic Noise at 10kHz*	2.0mV Max.	
Microphonics**	60mV	40mV Max.
Voltage Breakdown	Must withstand at DC 500V/15sec, 20°C	
Insulation Resistance	10000 MΩ × m Min. at DC 250V, 20°C	
Flex Life*	2,900 cycles	33,000 cycles
Tensile Strength	303N	441N
Emigration	Non-Emigrant to ABS resin	
Applicable Temperature	-20°C¯ +60°C(-4°F¯ +140°F)	
Standard	AES3-100X (ANSI S. 4. 40-199-X) EBU Rech, 3250-E CEI / IEC 958 / CCIR Rec. 647	AES3-100X (ANSI S. 4. 40-199-X) EBU Rech, 3250-E CEI / IEC 958 / CCIR Rec. 647 UL AWM 2623, 30V, 80°C, VW-1

ELECTRICAL & MECHANICAL CHARACTERISTICS

Part No.	W3135	W3173	
DC Resistance at 20°C	Inner Cond.	0.11Ω/m(0.034Ω/Ft)	0.02Ω/m(0.006Ω/Ft)
Shield Cond.	0.028Ω/m(0.0085Ω/Ft)	0.007Ω/m(0.0021Ω/Ft)	

Capacitance at 1kHz, 20°C (effective capacitance value between inner twin)	46pF/m (14pF/Ft)	50pF/m (15.3pF/Ft)
Inductance	1.0μH/m (0.31μH/Ft)	0.7μH/m (0.21μH/Ft)
Characteristic Imperdance	110Ω±5%	110Ω±10%
Attenuation (6MHz)	0.069dB/m (0.021db/Ft)	0.0347dB/m (0.0106db/Ft)
Phase Constant (6MHz)	0.20rad/m	0.17rad/m
Electrostatic Noise*	50mV Max.	
Electromagnetic Noise at 10kHz*	2.0mV Max.	
Microphonics**	40mV Max.	
Voltage Breakdown	Must withstand at DC 500V/15sec, 20°C	
Insulation Resistance	10000 MΩ × m Min. at DC 250V, 20°C	
Flex Life*	10,000 cycles	16,000 cycles
Tensile Strength	362N	Over 980N
Emigration	Non-Emigrant to ABS resin	
Applicable Temperature	-20°C⁻ +60°C(-4°F⁻ +140°F)	

Standard		AES3-100X (ANSI S. 4. 40-199-X) EBU Rech, 3250-E CEI / IEC 958 / CCIR Rec. 647 UL444, CM, 300V, 60°C, #25AWG		AES3-100X (ANSI S. 4. 40-199-X) EBU Rech, 3250-E CEI / IEC 958 / CCIR Rec. 647 UL AWM 2552, 30V, 60#176;C, VW-1, #18AWG

* Using standard testing method of Mogami Wire & Cable Corp.

W3159

110W AES/EBU digital audio cables chart w3159f

W3080

110W AES/EBU digital audio cables chart w3080f

W3135

110W AES/EBU digital audio cables chart w3135

W3173

110W AES/EBU digital audio cables chart w3173f

Option:	FERRITE CORE is available for Part No. W3080 and No. W3135 to eliminate EMI noise. FITTING TUBING for ITT CANNON XLR connector is available for Part No. W3080 and No. W3135 cable.

Multicore 110Ω AES/EBU Digital Audio Snake Cables

Like the world standard MOGAMI multicore microphone "Snake" cable, very flexible and compact design makes these multicore 110Ω AES/EBU DIGITAL AUDIO cables easy for wiring, installation and handling.

Because of employed cellular PP (polypropylene) insulation material, regardless of its compact overall diameter, larger conductor size is used, which naturally results in lower attenuation.

Besides, there are the following outstanding features similar to the standard analog multipair cables:

Easy cable core identification system, such as numbered cable core

Easy wiring assisted by the same conductor size drain wire

Flexible and good low temperature characteristic

W3160

110W AES/EBU digital audio cables diagram w3160f

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freq kHz	abs(z)ohm	arg(z)rad	atten npr/m	phase rad/m
10	253.053778	-0.666284	0.000485	0.000617
20	186.122587	-0.559186	0.000611	0.000978
50	140.097832	-0.348423	0.00074	0.002038
100	127.900865	-0.206205	0.000811	0.003876
200	123.592395	-0.124331	0.000951	0.007596
500	120.029543	-0.080112	0.001498	0.018508
1000	117.020927	-0.0671	0.00236	0.036164
2000	114.290764	-0.0558	0.003866	0.070617
5000	111.573232	-0.04365	0.007263	0.173456
10000	110.521001	-0.0358	0.012238	0.351575

Part No.	Nos. of Cores.	O.D. (Approx. mm)	Jacket Thickness (Approx. mm)	Weight (Kg/100m)(Kg/328Ft)	Maximum Length available
W3160	2-CR	9.0 (0.354")	1.0 (0.039")	8	305m (1,000Ft)

W3161	4-CR	10.5 (0.413")	1.2 (0.047")	14
W3162	8-CR	13.8 (0.543")	1.4 (0.055")	23
W3163	12-CR	17.0 (0.669")	1.6 (0.063")	30

CABLE CORE SPECS

Configuration	110W AES/EBU digital audio cables w3160d
Conductor	7/0.20A (0.22mm²) #24AWG (7×#32AWG)
Insulation	1.35ØCPP (Cellular polypropylene) (0.053")
Drain Wire	7/0.20A (Exactly same as conductor)
Shield	Approx. 79/0.10A Served (Spiral) Shield
Jacket (covering)	3.2Ø Flexible PVC (0.126"Ø)
Identification	Similar to analog snake cable

ELECTRICAL & MECHANICAL CHARACTERISTICS

DC Resistance at 20°C	Inner Pair Cond.	0.081Ω/m(0.0247Ω/Ft)
Shield	0.024Ω/m(0.0073Ω/Ft)	
Capacitance at 1kHz, 20°C (effective capacitance value between inner twin)	46pF/m(14pF/Ft)	
Inductance	0.8µH/m (0.24µH/Ft)	

Characteristic Imperdance	110Ω±10%
Attenuation (6MHz)	0.065dB/m (0.020db/Ft)
Phase Constant (6MHz)	0.17rad/m
Electrostatic Noise*	5.0mV Max.
Electromagnetic Noise at 10kHz*	2.0mV Max.
Microphonics*	60mV
Voltage Breakdown	Must withstand at DC 500V/15sec
Insulation Resistance at DC 125V, 20°C	10000 MΩ × m Min.
Tensile Strength of one Core	303N
Emigration	Non-Emigrant to ABS resin
Applicable Temperature	-20°C¯ +70°C(-4°F¯ +158°F)
Standard	AES3-100X(ANSI S.4.40-199X) EBU Rech. 3250-E CEI/IEC 958/CCIR Rec. 647 UL13 CL2X 60°C / UL20002 AWM 30V 60°C VW-1

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.