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Superflexible Studio Speaker Cables

High Definition Multi Series Professional Speaker Cables

- These unique professional speaker cables are originally designed to deliver maximum performance from state-of-the-art Tri-Amp Systems.
- They offer true audiophile performance for accurate sound transmission with clear transparent response yet possess a rugged superflexibility for the most demanding professional applications.
- Each conductor features many strands in rope-lay of famous MOGAMI 'NEGLEX' Oxygen-Free-Copper within colour-coded PVC insulation. A tough, low profile matte black superflexible PVC jacket protects the cables.
- Available in series of 2mm² (close to #14AWG), 2.5mm² (close to #13AWG) and 4mm² (close to #11AWG) conductor sizes.

Part No. W3103

Part No. W3104

Part No. W2921

Part No. W2919

Part No. W2941

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Part No.	W3103	W2972	W2921	W3104	W2919	W2941
No. of Conductor	2	4			6	8
Conductor Size	4mm² (#12AWG)	2mm² (#15AWG)	2.5mm² (#14AWG)	4mm² (#12AWG)	2.5mm² (#14AWG)	
Overall Diameter (mm) (inch)	12Ø 0.472Ø	10.5Ø 0.413Ø	11.3Ø 0.445Ø	14.5Ø 0.571Ø	12.8Ø 0.504Ø	14.2Ø 0.559Ø
Core Colors	Black / Red	Brown / Red / Orange / Yellow			Black / Brown / Red / Orange / Yellow / Green	Black / Brown / Red / Orange / Yellow / Green / Blue / Purple

- 4-conductor type is also applicable for standard 2-conductor speaker cable by quad-connection.
- W2972 is designed to be 2mm² which is ideal conductor size where it is necessary to combine two conductors (quad-connection) to fit a 3.5mm² crimp terminal.

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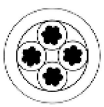
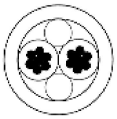
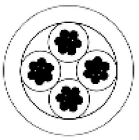
SPECIFICATIONS AND CHARACTERISTICS

Configuration				
Part No.		W2972	W3103	W3104
No. of Conductor		4	2	4
Conductor	Details	7/26/0.12 OFC (bare)	7/50/0.12 OFC (bare)	
	Size	2.05mm² (#15AWG)	3.96mm² (#12AWG)	
Insulation Ov. Dia.(mm)		3.2Ø (0.126"Ø) PVC	4.5Ø (0.177"Ø) PVC	
Jacket	Ov. Dia.(mm)	10.5Ø (0.413"Ø)	12.0Ø (0.472"Ø)	14.5Ø (0.571"Ø)
	Material	Flexible PVC, Matte Black		
Weight per 153m (500Ft) Roll		26kg	30kg	48kg
DC Resistance (20°C)		0.0088Ω/m(0.0027Ω/Ft)	0.005Ω/m(0.0015Ω/Ft)	
Inductance (1kHz, 20°C) (Refer to the figures shown in the capacitance data.)	1-2	0.7μH/m (0.21μH/Ft)	0.6μH/m (0.18μH/Ft)	0.6μH/m (0.18μH/Ft)
	1-3	0.7μH/m (0.21μH/Ft)	-	0.6μH/m (0.18μH/Ft)

Capacitance (20°C)	Frequency	100Hz	1kHz	10kHz	50kHz	100kHz
W2972	1-2	130pF/m	100pF/m	81pF/m	74pF/m	71pF/m

		(39.7pF/Ft)	(30.5pF/Ft)	(24.7pF/Ft)	(22.6pF/Ft)	(21.7pF/Ft)
	1-3	110pF/m (33.6pF/Ft)	79pF/m (24.1pF/F/t)	63pF/m (19.2pF/Ft)	57pF/m (17.4pF/Ft)	56pF/m (17.1pF/Ft)
W3103 	1-2	106pF/m (32.3pF/Ft)	93pF/m (28.4pF/Ft)	83pF/m (25.3pF/Ft)	76pF/m (23.2pF/Ft)	74pF/m (22.6pF/Ft)
W3104 	1-2	110pF/m (33.6pF/Ft)	99pF/m (30.2pF/Ft)	86pF/m (26.2pF/Ft)	78pF/m (23.8pF/Ft)	76pF/m (23.2pF/Ft)
	1-3	90pF/m (27.5pF/Ft)	78pF/m (23.8pF/Ft)	67pF/m (20.4pF/Ft)	61pF/m (18.6pF/Ft)	59pF/m (18.0pF/Ft)

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COMMON SPECS

Voltage Breakdown		Must withstand at DC 500V/15sec.
Insulation Resistance		10000 MΩ × m Min. at DC 125V, 20°C
Emigration of Jacket Material		Non-Emigrant to ABS resin
Applicable Temperature		-20°C~+70°C (-4°F~+158°F)
Roll Sizes	**W2972**	100m (328Ft) / 153m (500Ft) / 300m (984Ft)
	W3103/W3104	100m (328Ft) / 250m (820Ft)
Standard		UL13 CL2 75°C

Remarks: **Connecting the conductors as diagonal pairs greatly reduces mutual inductance, even though cross-talk interferance is negligible.**

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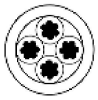
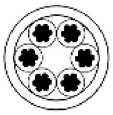
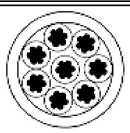
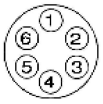
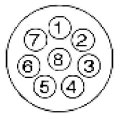
SPECIFICATIONS AND CHARACTERISTICS

Configuration				
Part No.		**W2921**	**W2919**	**W2941**
No. of Conductor		4	6	8
Conductor	**Details**	7/32/0.12 NEGLEX OFC (bare)		
	Size	2.53mm² (#14AWG)		
Insulation Ov. Dia.(mm)		3.4Ø (0.134"Ø) PVC		
Jacket	**Ov. Dia.(mm)**	11.3Ø (0.445"Ø)	12.8Ø (0.504"Ø)	14.2Ø (0.559"Ø)
	Material	Flexible PVC, Matte Black		
Weight per 153m (500Ft) Roll		28kg	39kg	58kg
DC Resistance (20°C)		0.008Ω/m Typ. (0.0024Ω/Ft)		
Inductance (1kHz, 20°C) (Refer to the figures shown in the capacitance data.)	**1-2**	0.7μH/m (0.21μH/Ft)	0.4μH/m (0.12μH/Ft)	0.8μH/m (0.24μH/Ft)
	1-3	0.3μH/m (0.09μH/Ft)	0.45μH/m (0.14μH/Ft)	1.0μH/m (0.31μH/Ft)
	1-4	-	0.65μH/m (0.20μH/Ft)	1.2μH/m (0.37μH/Ft)
	1-8	-	-	0.8μH/m (0.24μH/Ft)

Capacitance (20°C)	**Frequency**	100Hz	1kHz	10kHz	50kHz	100kHz
W2921 	**1-2**	127pF/m (38.7pF/Ft)	110pF/m (33.6pF/Ft)	101pF/m (30.8pF/Ft)	92pF/m (28.1pF/Ft)	90pF/m (27.5pF/Ft)
	1-3	102pF/m (31.1pF/Ft)	89pF/m (27.1pF/Ft)	89pF/m (27.1pF/Ft)	74pF/m (22.6pF/Ft)	71pF/m (21.7pF/Ft)
W2919 	**1-2**	126pF/m (38.4pF/Ft)	102pF/m (31.1pF/Ft)	87pF/m (26.5pF/Ft)	80pF/m (24.4pF/Ft)	78pF/m (23.8pF/Ft)
	1-3	94pF/m (28.7pF/Ft)	72pF/m (22.0pF/Ft)	61pF/m (18.6pF/Ft)	56pF/m (17.1pF/Ft)	55pF/m (16.8pF/Ft)
	1-4	82pF/m (25.0pF/Ft)	62pF/m (18.9pF/Ft)	52pF/m (15.9pF/Ft)	48pF/m (14.6pF/Ft)	46pF/m (14.0pF/Ft)
W2941 	**1-2**	113pF/m (34.5pF/Ft)	100pF/m (30.5pF/Ft)	90pF/m (27.5pF/Ft)	84pF/m (25.6pF/Ft)	80pF/m (24.4pF/Ft)
	1-3	77pF/m (23.5pF/Ft)	67pF/m (20.4pF/Ft)	61pF/m (18.6pF/Ft)	56pF/m (17.1pF/Ft)	55pF/m (16.8pF/Ft)
	1-4	68pF/m (20.7pF/Ft)	60pF/m (18.3pF/Ft)	54pF/m (16.5pF/Ft)	50pF/m (15.3pF/Ft)	49pF/m (14.9pF/Ft)
	1-8	93pF/m (28.4pF/Ft)	81pF/m (24.7pF/Ft)	74pF/m (22.6pF/Ft)	69pF/m (21.0pF/Ft)	67pF/m (20.4pF/Ft)

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Voltage Breakdown	Must withstand at DC 500V/15sec.
Insulation Resistance	10000 MΩ × m Min. at DC 125V, 20°C
Emigration of Jacket Material	Non-Emigrant to ABS resin
Applicable Temperature	-20°C~+70°C (-4°F~+158°F)
Roll Sizes	100m (328Ft) / 153m (500Ft) / 300m (984Ft)
Standard	UL13 CL2 75°C

Remarks: **Connecting the conductors as diagonal pairs greatly reduces mutual inductance, even though cross-talk interferance is negligible. For 8-cond. version P/N W2941, connect it as close as to diagonal combination.**

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