

# 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 color-coded PVC insulation. A tough, low profile matte black superflexible PVC jacket protects the cables.
- Available in series of 2mm<sup>2</sup> (close to #14AWG), 2.5mm<sup>2</sup> (close to #13AWG) and 4mm<sup>2</sup> (close to #11AWG) conductor sizes.



Part No.2972



Part No.3103



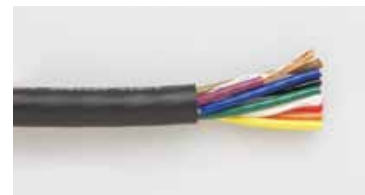
Part No.2919



Part No.2921



Part No.3104



Part No.2941

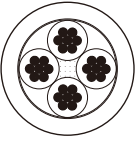
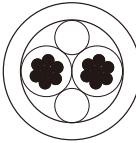
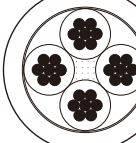
Part No.	3103	2972	2921	3104	2919	2941
No. of Conductor	2	4			6	8
Conductor Size	4mm <sup>2</sup> (#12AWG)	2mm <sup>2</sup> (#15AWG)	2.5mm <sup>2</sup> (#14AWG)	4mm <sup>2</sup> (#12AWG)	2.5mm <sup>2</sup> (#14AWG)	
Overall Diameter(mm) (inch)	12φ (0.472")	10.5φ (0.413")	11.3φ (0.445")	14.5φ (0.571")	12.5φ (0.492")	15.7φ (0.618")
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.
- 2972 is designed to be 2mm<sup>2</sup> which is ideal conductor size where it is necessary to combine two conductors (quad-connection) to fit a 3.5mm<sup>2</sup> crimp terminal.

# SPEAKER CABLES

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### SPECIFICATIONS AND CHARACTERISTICS

Configuration				
Part No.		2972	3103	3104
No. of Conductor		4	2	4
Conductor	Details	7/50/0.12 OFC (bare)		
	Size	2.05mm <sup>2</sup> (#15AWG)		
Insulation Ov. Dia. (mm)		3.2φ(0.126"φ) PVC		
Jacket	Ov.Dia. (mm)	10.5φ(0.413"φ)	12.0φ(0.472"φ)	14.5φ(0.571"φ)
	Material	Flexible PVC, Matte Black		
Weight per 100m (328Ft) roll		17kg	20kg	31kg

DC Resistance (20°C)		0.0088Ω/m (0.0027Ω/Ft)		0.005Ω/m (0.0015Ω/Ft)		
Inductance (20°C, 1kHz) <small>(Refer to the figures shown in the capacitance data.)</small>	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
2972 	1-2	130pF/m (39.7pF/Ft)	100pF/m (30.5pF/Ft)	81pF/m (24.7pF/Ft)	74pF/m (22.6pF/Ft)	71pF/m (21.7pF/Ft)
	1-3	110pF/m (33.6pF/Ft)	79pF/m (24.1pF/Ft)	63pF/m (19.2pF/Ft)	57pF/m (17.4pF/Ft)	56pF/m (17.1pF/Ft)
3103 	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)
3104 	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)

### COMMON SPECS.

Voltage Breakdown	Must withstand at DC 500V/ 15sec.	
Insulation Resistance	10 <sup>4</sup> MΩ · m Minimum at DC 125 V, 20°C	
Emigration of Jacket Material	Non-Emigrant to ABS resin	
Applicable Temperature	-20°C~+70°C(-4°F~ +158°F )	
Roll Sizes	2972	100m ( 328Ft ) /300m ( 984Ft )
	3103/3104	100m ( 328Ft ) /250m ( 820 Ft )
Standard	UL13 CL2X 75°C	

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