



**MOGAMI** cable products are mostly comprised of major products designed by current President of Mogami Wire & Cable Corp., Koichi Hirabayashi, as a result of his own inventions, compromises and rediscoveries of past great works done by many predecessors step by step for 49 years of his career while being tossed about with economic strife, who could achieve deeper understanding of science and practical production technologies being affected by many attractive and emotionally impressive scientists such as Richard P. Feynman in a country called Japan where manufacturing industries have rapidly developed, depending heavily on the huge and flourishing American market and technologies introduced after World War II when the industrial world was greatly developed in so-called Western Countries, being supported by rapidly developing technology in electronics and petroleum chemical industries.

These products not found in standardized goods may certainly embody a side of the present condition of Japanese manufacturing industries, because there are now few items from Japan which are still competitive in the world market after 2000.

Most of the products are centered around the professional audio, video and digital interface market, such as recording studios, broadcast stations, theatres, halls etc. The basic design idea puts importance on sound quality for audio applications and on economy for other applications. There are some items which are available only from MOGAMI, and a common design idea through the whole line lies in the flexibility of the cable, considering handiness and efficiency for wiring and installation.

## Mogami 2524 :Guitar Cables / High Impedance Transmission Cables



Most musical instrument sound pick-ups such as those in electric guitars are comprised of high impedance circuits driven by voltage, in other words by very small electrical current flow. Therefore, so-called MICROPHONICS (noise) becomes a critical problem. (Microphonics means noise that is generated when the cable is moved and or tapped when the cabling circuit is a high impedance link.) Guitar cables must be counter-measured against this, so, a conductive PVC layer is placed under the shield conductor in most cases even though it may have a bad affect on audio sound quality. Therefore, the conductive PVC (black carbon PVC) layer must be removed together with the shielding conductor when wiring, otherwise we receive a strange claim that the cable is shorting.

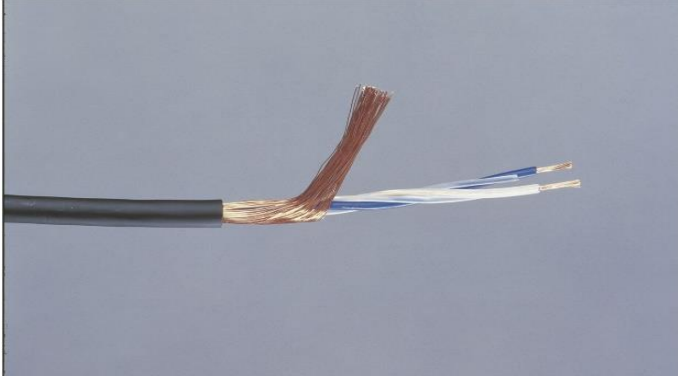
## Mogami 2791 :High Quality Balanced Microphone Cable



### 105 STRAND BROADCAST MIC. CABLE

Excellent for rugged remote and on stage use in Sound Reinforcement, TV, Radio broadcasting etc. Its compact size together with a heavy duty binder and filler system and a braided shield make it ideal for all continuous handling applications. Exhibits very low microphonic pick-up and can operate at very cold temperatures down to -20°C (-4°F) without losing its flexibility. 105 strands of 0.05 mm O.D. annealed bare copper (#44AWG) features ultra flexibility with long flex life, maintaining excellent strength characteristics.

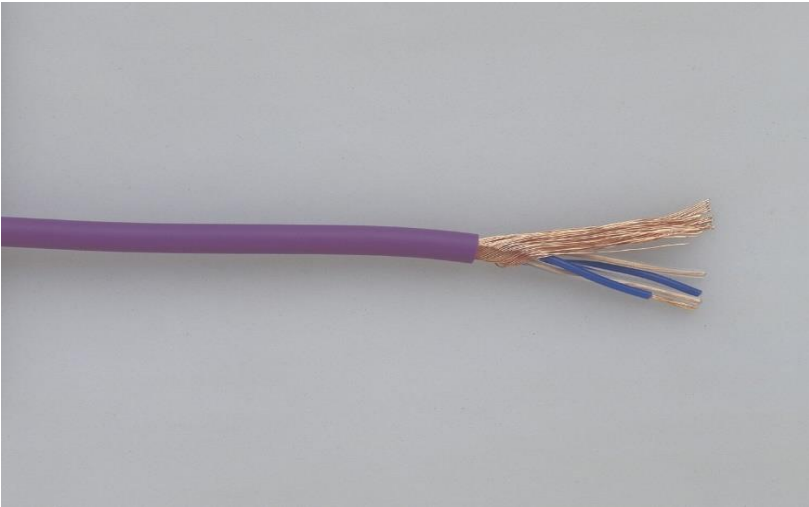
## Mogami 2549: HIGH QUALITY BALANCED MIC. CABLES



### NEGLEX TYPE #22AWG BALANCED MIC. CABLE

2549 has been designed using the famous Neglex OFC to provide the highest quality of audio reproduction in any recording application. It features #22AWG conductors and lower capacitance than the quad cables. The served shield and twisted pair construction is excellent at preventing noise caused by electromagnetic interference. This cable is recommended when high frequencies are important and where long cable runs are needed, and, it is cheaper and easier to terminate than quad cables.

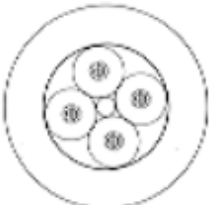

## Mogami 2534: Reference Standard NEGLEX Quad High Definition Mic. Cable



NEGLEX type Quad Cables have been developed for the highest quality recording applications where maximum definition of recorded sound is of critical importance. Special proprietary materials & construction methods make those state-of-the-art mic. cables a must for direct to DISC and digital recording. Basic matters of flexibility, microphonics and shielding effect have been designed to meet international professional requirements. A Balanced quad structure is effective for high definition sound transmission as well as in canceling electromagnetic induction caused by nearby equipment such as floodlight projection, and therefore is well adapted to motion picture and TV studios.

- Conductor insulation is XLPE (Cross-Linked Polyethylene) which has excellent electrical characteristics and prevents shrink-back during soldering.
- Served (spiral) Bare Copper Shield is better for sound quality and simplifies termination.

NEGLEX No. 2534 has become popular around the world as the standard for high quality digital and analog recording. The cable has also become popular for use with unbalanced equipment, such as high quality pre-amp, amp inputs and tape decks.

<b>Configuration</b>			
<b>Part No.</b>	<b>W2534</b>	<b>W2893</b>	
<b>No. of Conductor</b>	4(Quad)		
<b>Conductor</b>	<b>Details</b>	20/0.12 OFC	30/0.08 OFC
	<b>Size(mm<sup>2</sup>)</b>	0.226mm <sup>2</sup> (#24 AWG)	0.15mm <sup>2</sup> (#26 AWG)
<b>Insulation</b>	<b>Ov. Dia.(mm)</b>	1.6Ø (0.063")	1.0Ø (0.039")
	<b>Material</b>	XLCPE (Cross-Linked Polyethylene)	
	<b>Colors</b>	Blue / Clear (Quad)	Black / Red / Blue / Clear
<b>Served Shield</b>	Approx. 64/0.18A	Approx. 73/0.12A	
<b>Jacket</b>	<b>Ov. Dia.(mm)</b>	6.0Ø (0.236")	4.8Ø (0.189")
	<b>Material</b>	Flexible PVC	Flexible PVC
	<b>Colors</b>	10 colours available	5 colours available
<b>Roll Sizes</b>	50m (164 Ft)	50m (164 Ft)	
	100m (328Ft)	100m (328Ft)	
	200m (656Ft)	200m (656Ft)	
<b>Weight per 200m Roll</b>	11kg	7.5kg	