Neglex Quad Microphone Cables

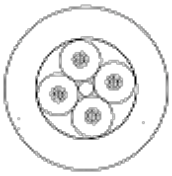
Mogami Neglex quad cable is perfect cable for home studios suffering from wiring and grounding problems. Mogami 2534 should also be used where intense RFI interference is a problem. Mogami 2534 provides an improvement in signal to noise of 10-20db over equivalent twisted pair cables. Double conductors quad cables are more effective in canceling noise that can get past even the best of shields and is critical in an environment of high RF and EM interference.

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

Part No. W2534

Reference Standard NEGLEX Quad High Definition Mic. Cable
NEGLEX No. W2534 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. **Miniature Quad Superflexible Mic. Cable** Originally designed for BANTAM patch-cords, this cable has become popular where a small diameter Quad mic cable is required.

SPECIFICATIONS

Configuration			
Part No.		**W2534**	**W2893**
No. of Conductor		4(Quad)	
Conductor	**Details**	20/0.12 OFC	30/0.08 OFC
	Size(mm²)	0.226mm² (#24 AWG)	0.15mm² (#26 AWG)
Insulation	**Ov. Dia.(mm)**	1.6Ø (0.063")	1.0Ø (0.039")
	Material	XLCPE (Cross-Linked Polyethylene)	
	Colors	Blue / Clear (Quad)	Black / Red / Blue / Clear
Served Shield		Approx. 64/0.18A	Approx. 73/0.12A
Jacket	**Ov. Dia.(mm)**	6.0Ø (0.236")	4.8Ø (0.189")
	Material	Flexible PVC	Flexible PVC
	Colors	10 colours available	5 colours available
Roll Sizes		50m (164 Ft) 100m (328Ft) 200m (656Ft)	50m (164 Ft) 100m (328Ft) 200m (656Ft)
Weight per 200m Roll		11kg	7.5kg

ELECTRICAL & MECHANICAL CHARACTERISTICS

Part No.		**W2534**	**W2893**
DC Resistance at 20°C	**Inner Cond.**	0.083W/m(0.025W/Ft)	0.13W/m(0.040W/Ft)
	Shield	0.012W/m(0.0037W/Ft)	0.025W/m(0.0076W/Ft)
	K_0	65pF/m(20pF/Ft)	74pF/m(23pF/Ft)
	K_1	13pF/m(4pF/Ft)	11pF/m(3.4pF/Ft)

1kHz, 20°C (Partial C. Value) See below figure*	K_2		4pF/m(1.2pF/Ft)	3pF/m(0.9pF/Ft)
	Balanced Quad Connection	Cond.-Cond.	97pF/m(29.6pF/Ft)	131pF/m(40pF/Ft)
		Cond.-Shield.	110pF/m(33.6pF/Ft)	178pF/m(54pF/Ft)
Inductance between conductors at 1kHz. 20°C			0.4μH/m(0.12μH/Ft)	0.5μH/m(0.15μH/Ft)
Electrostatic Noise**			50mV Max.	50mV Max.
Electromagnetic Noise**			0.15mV Max.	0.15mV Max.
Microphonics at 50KW Load**			430m V Max.	30m V Max.
Voltage Breakdown			Must withstand at DC 500V/15sec.	
Insulation Resistance			100000 M W × m Min. at DC 125V, 20°C	
Flex Life**			11,000 cycles	26,000 cycles
Tensile Strength			686N	500N
Emigration			Non–emigrant to ABS	Non–emigrant to ABS
Applicable Temperature			-20°C~ +70°C(-4°F~ +158°F)	

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

* Patial Capacitance