

CONSOLE INTERNAL / EXTERNAL WIRING CABLES

The copper conductors of all these console cables are made of famous **NEGLEX OFC**, hence we can recommend any of these with confidence for the highest quality wiring of mixing consoles, rack panels, and studio equipment.

- All cables feature XLPE (Cross-Linked Polyethylene) which has excellent electrical characteristics and prevents shrink-back during soldering.
- Served (spiral) shield provides easier cable termination and better sound quality than braided shield.



Part No.2944

STANDARD CONSOLE CABLE

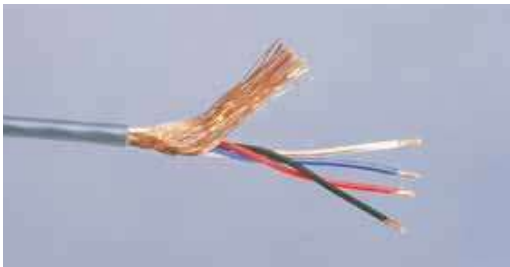
- Small size for space saving.
- Very flexible and easy to use.
- Ten colors available for easy identification.
- Same configuration as the core of our standard multi mic. snake cable series (EZID models).
- Additional drain wire makes wiring efficient, as it can be crimped by the same size crimp terminal.



Part No.2806

LARGE CONDUCTOR SIZE CONSOLE CABLE

- #22AWG conductor version technically similar to #2549 NEGLEX balanced Mic. Cable except for smaller outer jacket.
- This item is designed for permanent installation and where larger conductor size is required such as long runs.
- Jacket Color: Only Gray is available.



Part No.2799

MINI-QUAD CONSOLE CABLE

- Quad configuration reduces electromagnetic noise.
- Four different colors of insulation makes it possible to use as a four conductor overall shield cable.
- Conductor size: same as #2944
- Jacket Color: Only Gray is available.



Part No.2820

LARGE SIZE QUAD CABLE

- #24AWG conductor version technically similar to #2534 NEGLEX quad Mic. Cable except for smaller and slippery outer jacket.
- This item is designed for permanent installation and where larger conductor size is required such as long runs.

SPECIFICATIONS AND CHARACTERISTICS

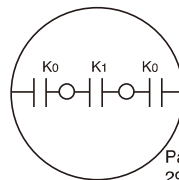
Configuration					
Part No.		2944	2806	2799	2820
No. of Conductor		2	2	4	4
Conductor	Details	30/0.08 OFC	30/0.12 OFC	30/0.08 OFC	20/0.12 OFC
	Size	0.15mm ² (#26AWG)	0.34mm ² (#22AWG)	0.15mm ² (#26AWG)	0.226mm ² (#24AWG)
Insulation	Ov. Dia. (mm)	1.0φ(0.039")	1.9φ(0.075")	1.0φ(0.039")	1.6φ(0.063")
	Material	XLPE(Cross-Linked Polyethylene)			
	Core Colors	Red/Clear	Blue/Clear	Black/Red/Blue/Clear	Blue/Clear(Quad)
Drain Wire	Details	7/0.18A	—	—	—
	Size	0.18mm ² (#25AWG)	—	—	—
Served Shield		Approx. 60/0.10A	Approx. 58/0.18A	Approx. 60/0.12A	Approx. 60/0.18A
Jacket	Ov. Dia. (mm)	2.5φ(0.098")	5.2φ(0.205")	3.2φ(0.126")	5.0φ(0.197")
	Material	PVC			
	Core Colors	Black/Brown/Red/Orange/Yellow/Green/Blue/Purple/Gray/White	Gray	Gray	Gray
Roll Sizes		50 m (164Ft) 100m (328Ft) 200m(656Ft)	200 m (656Ft) (standard)	50 m (164Ft) 100m (328Ft) 200m(656Ft)	200 m (656Ft) (standard)
Weight per 200m Roll		2.5 kg	8 kg	3.8 kg	8 kg

DC Resistance at 20°C	Inner Cond.	0.13Ω/m(0.040Ω/Ft)	0.058Ω/m(0.018Ω/Ft)	0.13Ω/m(0.040Ω/Ft)	0.083Ω/m(0.025Ω/Ft)
	Shield	0.029Ω/m(0.009Ω/Ft)	0.013Ω/m(0.004Ω/Ft)	0.028Ω/m(0.009Ω/Ft)	0.012Ω/m(0.0037Ω/Ft)
Capacitance at 1kHz, 20°C (Partial C. Value) See below figure ^{*(1)}	K0	130pF/m(40 pF/Ft)	87pF/m(27 pF/Ft)	69pF/m(21 pF/Ft)	65pF/m(20 pF/Ft)
	K1	12pF/m(3.7 pF/Ft)	11pF/m(3.4 pF/Ft)	15pF/m(4.6 pF/Ft)	13pF/m(4 pF/Ft)
	K2	—	—	2pF/m(0.6 pF/Ft)	4pF/m(1.2 pF/Ft)
	Quad-Connection		Cond-Cond.	131pF/m(40 pF/Ft)	97pF/m(29.6 pF/Ft)
			Cond-Shield.	192pF/m(59 pF/Ft)	110pF/m(33.6 pF/Ft)
Inductance between conductors at 1kHz, 20°C		0.6μH/m (0.18μH/Ft)	0.8μH/m (0.24μH/Ft)	0.5μH/m (0.15μH/Ft)	0.4μH/m (0.12μH/Ft)
Electrostatic Noise ^{*(2)}		20 mV Max.	5 mV Max.	1.5 mV Max.	50 mV Max.
Electromagnetic Noise ^{*(2)}		0.1 mV Max.	0.2 mV Max.	0.02 mV Max.	0.15 mV Max.

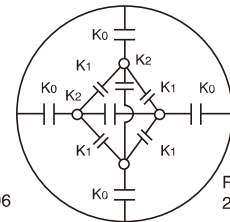
COMMON SPECS.

Voltage Breakdown	Must withstand at DC 500V/15 sec.
Insulation Resistance	10 ⁵ MΩ · m Minimum at DC 125 V, 20°C

*(1) Partial Capacitance



Part No. 2944 & 2806



Part No. 2799 & 2820

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