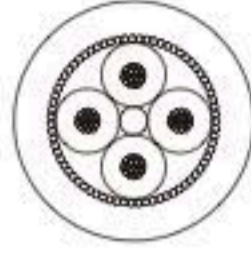



NEGLEX QUAD MIC. CABLES

SPECIFICATIONS

Configuration			
Part No.		2534	2893
No. of Conductor		4	
Conductor	Details	20/0.12 OFC	30/0.08 OFC
	Size(mm ²)	0.226mm ² (#24AWG)	0.15mm ² (#26AWG)
Insulation	Ov. Dia.(mm)	1.6φ(0.063")	1.0φ(0.039")
	Material	XLPE(Cross-Linked Polyethylene)	
	Colours	Blue/Clear(Quad)	Black/Red/Blue/Clear
Served Shield		Approx. 62/0.18A	Approx. 72/0.12A
Jacket	Ov. Dia.(mm)	6.0φ(0.236")	4.8φ(0.189")
	Material	Flexible PVC	Flexible PVC
	Colours	10 colours available	5 colours available
Roll Sizes		50 m (164Ft) 100m (328Ft) 200m (656Ft)	50 m (164Ft) 100m (328Ft) 200m (656Ft)
Weight per 200m Roll		11 kg	7.5kg

ELECTRICAL & MECHANICAL CHARACTERISTICS

Part No.		2534	2893	
DC Resistance at 20°C	Inner Cond.	0.083Ω/m(0.025Ω/Ft)	0.13Ω/m(0.040Ω/Ft)	
	Shield	0.012Ω/m(0.0037Ω/Ft)	0.023Ω/m(0.0070Ω/Ft)	
Capacitance at 1kHz, 20°C (Partial C. Value) See below figure ^{*(1)}	K ₀	K ₀	65pF/m(20 pF/Ft)	74pF/m(23 pF/Ft)
		K ₁	13pF/m(4 pF/Ft)	11pF/m(3.4 pF/Ft)
		K ₂	4pF/m(1.2 pF/Ft)	3pF/m(0.9 pF/Ft)
	Balanced Quad Connection	Cond.-Cond.	97pF/m(29.6 pF/Ft)	131pF/m(40 pF/Ft)
		Cond.-Shield.	110pF/m(33.6 pF/Ft)	178pF/m(54 pF/Ft)
Inductance between conductors at 1kHz, 20°C		0.4μH/m (0.12μH/Ft)	0.5μH/m(0.15μH/Ft)	
Electrostatic Noise ^{*(2)}		50 mV Max.	50 mV Max.	
Electromagnetic Noise ^{*(2)}		0.15 mV Max.	0.15 mV Max.	
Microphonics at 50kΩ Load ^{*(2)}		30 mV Max.	30 mV Max.	
Voltage Breakdown		Must withstand at DC 500V/15 sec.		
Insulation Resistance		10 ⁵ MΩ · m Min. at DC 125 V, 20°C		
Flex Life ^{*(2)}		11,000 cycles	26,000 cycles	
Tensile Strength		686 N	500 N	
Emigration		Non-Emigrant to ABS		
Applicable Temperature		-20°C~ + 70°C (-4°F~ + 158°F)		

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

* (1) Partial Capacitance

