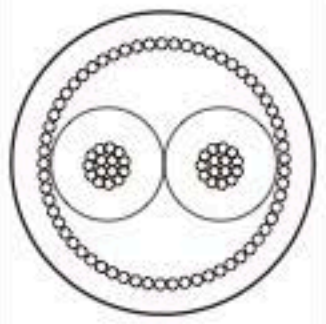
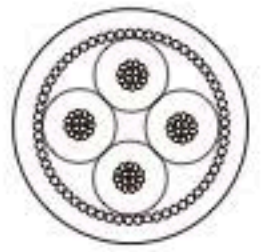
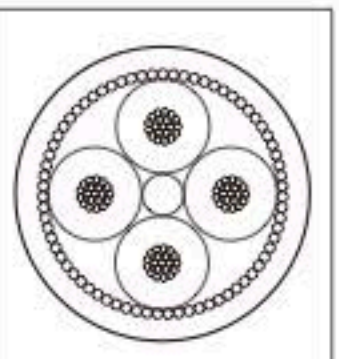
SPECIFICATIONS AND CHARACTERISTICS

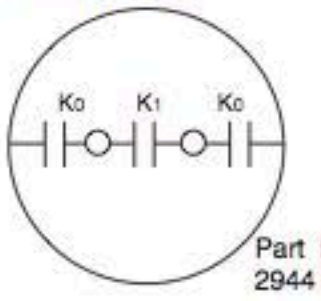
Configuration					
Part No.		2944	2806	2799	2820
No. of Conductor		2	2	4	4
Conductor	Details	30/0.08 OFC	30/0.12 OFC	30/0.08 OFC	20/0.12 OFC
	Size	0.15mm² (#26AWG)	0.34mm² (#22AWG)	0.15mm² (#26AWG)	0.226mm² (#24AWG)
Insulation	Ov. Dia. (mm)	1.0φ(0.039")	1.9φ(0.075")	1.0φ(0.039")	1.6φ(0.063")
	Material	XLPE(Cross-Linked Polyethylene)			
	Core Colours	Red/Clear	Blue/Clear	Black/Red/Blue/Clear	Blue/Clear(Quad)
Drain Wire	Details	7/0.18A	———	———	———
	Size	0.18mm² (#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 Colours	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)	K_0	130pF/m(40 pF/Ft)	87pF/m(27 pF/Ft)	69pF/m(21 pF/Ft)	65pF/m(20 pF/Ft)
	K_1	12pF/m(3.7 pF/Ft)	11pF/m(3.4 pF/Ft)	15pF/m(4.6 pF/Ft)	13pF/m(4 pF/Ft)
	K_2	———	———	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.

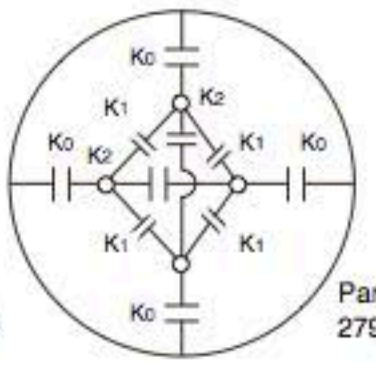
COMMON SPECS.

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.