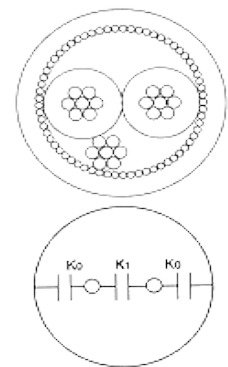


CL 2 RATED VERSION

Part No.	No. of Channels	Ov. Dia. (Approx. mm)	Jacket Thickness (Approx. mm)	Weight (kg/100m)(kg/328Ft)	Maximum Lengths available
W3040	2-ch	7.8(0.307")	1.0(0.039")	8	305m (1,000Ft)
W3041	4-ch	9.0(0.354")	1.0(0.039")	10	
W3042	8-ch	12(0.472")	1.2(0.047")	19	
W3043	12-ch	14.6(0.575")	1.3(0.051")	29	
W3044	16-ch	16.3(0.642")	1.4(0.055")	36	
W3045	19-ch	17.5(0.689")	1.7(0.067")	44	
W3046	24-ch	20.5(0.807")	2.0(0.079")	57	
W3047	27-ch	21.0(0.827")	2.0(0.079")	63	
W3048	32-ch	22.4(0.882")	2.0(0.079")	73	200m (656Ft)
W3049	48-ch	27.0(1.063")	2.0(0.079")	104	

CABLE CORE SPECIFICATIONS

Conductor	7/0.18A (0.178mm ²) #25AWG (7*#33AWG)
Insulation	1.05Ø XLPE (Cross Linked Polyethylene) (0.0413")
Drain Wire	7/0.18A (Exactly same as conductor)
Shield	Approx. 58/0.10A Served (spiral) Shield
Jacket (Covering)	2.8Ø Flexible PVC (0.110")
Identification	See core number identification table

**ELECTRICAL & MECHANICAL CHARACTERISTICS**

DC Resistance at 20°C	Inner Pair Conductor	0.11Ω/m(0.0336Ω/Ft)
	Shield	0.031Ω/m(0.0095Ω/Ft)
Capacitance at 1kHz, 20°C (Partial Capacitance Value) See Figure (2)	K ₀	140pF/m(42.7pF/Ft)
	K ₁	12pF/m(3.7pF/Ft)
Inductance		0.6μH/m(0.18μH/Ft)
Electrostatic Noise (Hum Pick-up)*		2.5mV Max.
Electromagnetic Noise at 10kHz* (Inductance of the toroidal core: 595μH)		0.1mV Max.
Microphonics* Method: Stepping on cable		50mV Max. at 50kΩ/ Load
Voltage Breakdown		Must withstand at DC 500V/15sec.
Insulation Resistance at DC 125V, 20°C		100000 MΩ/ × m Minimum
Tensile Strength of one pair (26°C, 65% RH)		274N
Emigration		Non-emigrant to ABS resin
Applicable Temperature		-20°C~ +70°C(-4°F~ +158°F)
Standard		UL13 CL2 60#176;C

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