

STANDARD VERSION

Part No.	No. Of Channels	Ov. Dia. (Approx. mm)	Jacket Thickness (Approx. mm)	Weight (kg/100m)(kg/328Ft)	Maximum Length available
2930	2- ch	7.5(0.295")	1.0(0.039")	7	506m (1.659Ft)
2931	4- ch	8.6(0.339")	1.0(0.039")	9	
2932	8- ch	11.5(0.453")	1.2(0.047")	18	
2933	12- ch	14.3(0.563")	1.5(0.059")	28	
2934	16- ch	15.8(0.622")	1.5(0.059")	32	305m (1.000Ft)
2935	19- ch	17.0(0.669")	1.7(0.067")	40	
2936	24- ch	20.0(0.787")	2.0(0.079")	46	
2937	27- ch	20.5(0.807")	2.0(0.079")	58	
2938	32- ch	21.7(0.854")	2.0(0.079")	63	
2939	48- ch	26.0(1.02")	2.0(0.079")	97	200m (656Ft)

(Figures in parenthesis are in inches)

CABLE CORE SPECS

Conductor	30/0.08A (0.15mm ²) #26AWG (30x#40AWG)
Insulation	1.0φ XLPE (Cross Linked Polyethylene) (0.039" φ)
Drain Wire	7/0.18TA (0.18mm ²) #25AWG (7x#33AWG)
Shield	Approx. 60/0.10A Served (spiral) Shield
Jacket(Covering)	2.8φ Flexible PVC (0.110" φ)
Identification	See core number identification table

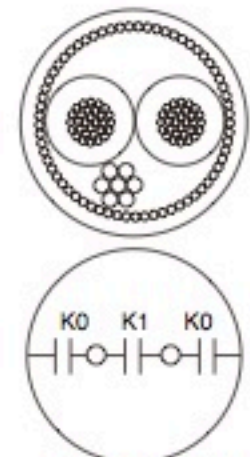


Figure (1)

ELECTRICAL & MECHANICAL CHARACTERISTICS

DC Resistance at 20°C	Inner Pair Conductor	0.13Ω/m (0.040Ω/Ft)
	Shield	0.030Ω/m (0.0092Ω/Ft)
Capacitance at 1 kHz, 20°C(Partial Capacitance Value) See Figure (1)	Ko	130pF/m (40pF/Ft)
	K1	12pF/m (3.7pF/Ft)
Inductance		0.6 μH/m (0.18 μH/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 at 50kΩ Load
Voltage Breakdown		Must withstand at DC 500V/15sec.
Insulation Resistance at DC 125V, 20°C		10 ⁵ MΩ · m Minimum
Tensile Strength of one pair (26°C,65% RH)		274 N
Emigration		Non-Emigrant to ABS resin
Applicable Temperature		-20°C~+70°C (-4°F~+158°F)
Standard		UL13 CL2X 60°C

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

REMARKS : Standard EZID models with 19 channels or more are designed for studio applications only. For PA and/or non-statistical applications, use the CL2 rated version.