

**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 <sup>2</sup> ) #26AWG (30x#40AWG)
Insulation	1.0φ XLPE (Cross Linked Polyethylene ) (0.039"φ)
Drain Wire	7/0.18TA (0.18mm <sup>2</sup> ) #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

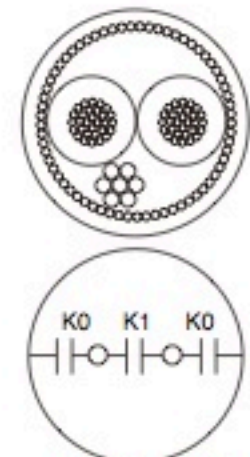


Figure (1)

**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 <sup>5</sup> 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.