

• **AERIAL CABLE** •

(Polyethylene insulated, Aluminium tape shielded, Zinc - coated round steel wire messenger, Polyethylene sheathed)

Specification : STEL - K - 001

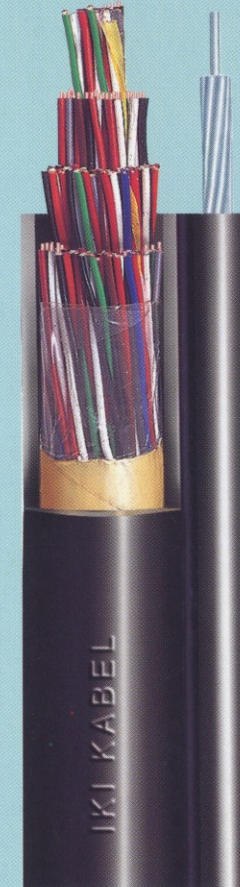
: SII. 0611 - 82

Size : U - E (Pe) ES 10 - 120 x 2 x 0.6 mm

10 - 120 x 2 x 0.8 mm

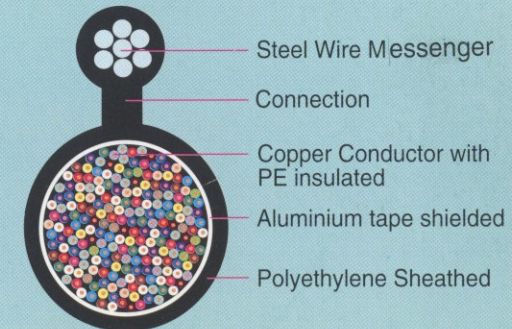
MECHANICAL PROPERTIES

1	2	3		4		5	6	7	8			
Cable Size	Nominal Conductor Diameter	Nominal Thickness		Approximation		Standard Length Packing	Delivery form	m	unit			
		Insulation	Sheath	Outside Diameter	Net Weight							
pair	mm	mm	mm	mm	kg/km							
10	0.6 ± 0.01	Minimum 0.2	1.8	11.1	238	1.000	Haspel					
20			1.8	14.0	321	1.000						
30			1.8	16.0	406	1.000						
40			1.8	18.0	485	1.000						
50			1.8	19.7	567	1.000						
60			Nominal 0.25	1.8	21.2	774		1.000				
80		1.8		24.0	929	1.000						
100		1.8		17.0	1.074	1.000						
120		1.8		29.5	1.222	1.000						
10		0.8 ± 0.02		Minimum 0.25	1.8	13.0		299	1.000	Haspel		
20					1.8	17.0		442	1.000			
30			1.8		19.5	575		1.000				
40	1.8		22.0		704	1.000						
50	1.8		24.0		835	1.000						
60	Minimum 0.3		1.8		26.5	1.098	1.000					
80			1.8	29.5	1.346	1.000						
100			2.0	33.5	1.629	1.000						
120			2.0	36.0	1.878	1.000						



ELECTRICAL CHARACTERISTICS

1	2	3	4	5	6
Nominal Conductor Diameter	Resistance at 20°C		Max.mutual Capacitance at 800 Hz	AC Voltage Test	
	Conductor	Insulation		Core to Core	Core to screen
mm	Ohm/km	M.Ohm.km	nF/km	Volt/min	
0.6 ± 0.01	65.0	10,000	55	500	2,000
0.8 ± 0.02	36.5	10,000	55	500	2,000



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Size : U - E (Pe) ES 10 - 120 x 2 x 1.0 mm

MECHANICAL PROPERTIES

1	2	3		4	5		6	7	8
Cable Size	Nominal Conductor Diameter	Nominal Thickness		Approximation		Standard Length Packing	Delivery form	m	unit
		Insulation	Sheath	Outside Diameter	Net Weight				
pair	mm	mm	mm	mm	kg/km				
10	1.0 ± 0.02	Minimum 0.30	1.8	15.0	379	1,000	Haspel		
20			1.8	19.5	582	1,000			
30			1.8	23.5	784	1,000			
40			1.8	26.5	992	1,000			
50			1.8	29.0	1,182	1,000			
60			2.0	32.0	1,522	1,000			
80		2.2	36.5	1,941	1,000				
100		2.2	40.0	2,314	1,000				
120		2.2	43.0	2,689	1,000				



ELECTRICAL CHARACTERISTICS

1	2	3	4	5	
Nominal Conductor Diameter	Resistance at 20°C		Max.mutual Capacitance at 800 Hz	AC Voltage Test	
	Conductor	Insulation		Core to Core	Core to screen
mm	Ohm/km	M.Ohm.km	nF/km	Volt/min	
1.0 ± 0.02	23.4	10,000	62	500	2,000

