

AERIAL CABLE U-E (Pe) ES

Polyethylene insulated, Single coated aluminium foil shielded,
Zinc-coated round steel wire messenger, Polyethylene sheathed
(Specification : STEL-K-001)

Size : 10 up to 120 x 2 x 0.6 mm
10 up to 120 x 2 x 0.8 mm
10 up to 120 x 2 x 1.0 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.6	10	Minimum : 0.20	1.0	11.1	238	1,000	Drum
	20		1.0	14.0	321	1,000	
	30		1.3	16.0	406	1,000	
	40		1.3	18.0	485	1,000	
	50	Nominal : 0.25	1.5	19.7	567	1,000	
	60		1.5	21.2	774	1,000	
	80		1.7	24.0	929	500/1,000	
	100		1.8	27.0	1,074	500/1,000	
120	1.8	29.5	1,222	500/1,000			
0.8	10	Minimum : 0.25	1.0	13.0	299	1,000	Drum
	20		1.3	17.0	442	1,000	
	30		1.5	19.5	575	1,000	
	40		1.5	22.0	704	1,000	
	50	Nominal : 0.30	1.7	24.0	835	1,000	
	60		1.8	26.5	1,098	1,000	
	80		1.8	29.5	1,346	500/1,000	
	100		2.0	33.5	1,629	500/1,000	
120	2.0	36.0	1,878	500/1,000			
1.0	10	Minimum : 0.30	1.3	15.0	379	1,000	Drum
	20		1.5	19.5	582	1,000	
	30		1.7	23.5	784	1,000	
	40		1.8	26.5	992	1,000	
	50	Nominal : 0.35	1.8	29.0	1,182	1,000	
	60		2.0	32.0	1,522	1,000	
	80		2.2	36.5	1,941	500/1,000	
	100		2.2	40.0	2,314	500/1,000	
120	2.2	43.0	2,689	500/1,000			



ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. conductor	Min. insulation		Core to core	Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min	
0.6	65.0	10,000	55	500	2,000
0.8	36.5	10,000	55	500	2,000
1.0	23.4	10,000	62	500	2,000