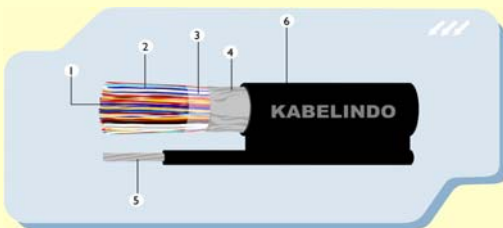


U-E (Pe) E S

Aerial Cable



- 1. Conductor : Annealed Copper Wire
- 2. Insulation : Extruded Solid Polyethylene
- 3. Core Covering : Helically Overlapped Polyester Tape
- 4. Screen : Helically Overlapped Aluminium Tape
- 5. Messenger : Stranded Galvanized Steel Wire
- 6. Sheath : Extruded Black Polyethylene

TELECOMMUNICATION CABLES

TECHNICAL DATA

SPEC Specification : STEL K - 001 / SII.0611 - 82

Cu Conductor Shape : Annealed Copper Wire

APL Used for Self supporting aerial cable on the outskirts of cities and residential areas

DIMENSIONAL DATA

Cable Size	Conductor Diameter Nominal	Insulation Thickness Nominal	Inner Sheath Nominal	Outer Sheath Nominal	Stranded Galvanized Steel Wire Messenger	Overall Diameter Approx	Weight of Cable Approx.	Standar Length			
Pairs	(mm)	(mm)	(mm)	(mm)	Number/ mm	(mm)	(kg / km)	(m)			
10	0.6	0.25	1.0	1.0	7/1.2	11.1	231	1000			
20			1.3			14.0	320				
30			1.5			16.0	395				
40			1.7			18.0	482				
50			1.8			19.7	565				
60			2.0			21.2	772				
80			0.8		0.30	1.0	1.3		7/2.0	24.0	920
20						1.3				27.0	1070
30						1.5				29.5	1225
40						1.7			13.0	295	
50						1.8			17.0	445	
60						2.0			19.5	576	
80	1.0	0.35	1.3	1.3	7/1.2	22.0	705				
20			1.5			24.0	835				
30			1.7			26.5	1088				
40			1.8		29.5	1324					
50			2.0		33.5	1629					
60			2.2		36.0	1880					
80	1.0	0.35	1.3	1.3	7/1.2	15.0	378				
20			1.5			19.5	580				
30			1.7			23.5	785				
40			1.8		26.5	995					
50			2.0		29.0	1180					
60			2.2		32.0	1520					
80	1.0	0.35	1.3	1.3	7/2.0	36.5	1940				
100			40.0			2315					
120			43.0			2685					

ELECTRICAL DATA

Cable Size	Resistance at 20°C		Mutual Capacitance Max
	Conductor Max	Insulation Min	
Pairs	(Ohm / km)	M.Ohm. km	nF/km
0.6	65	10.000	55
0.8	36.5		
1.0	23.4		62