



TOGETHER WE GROW

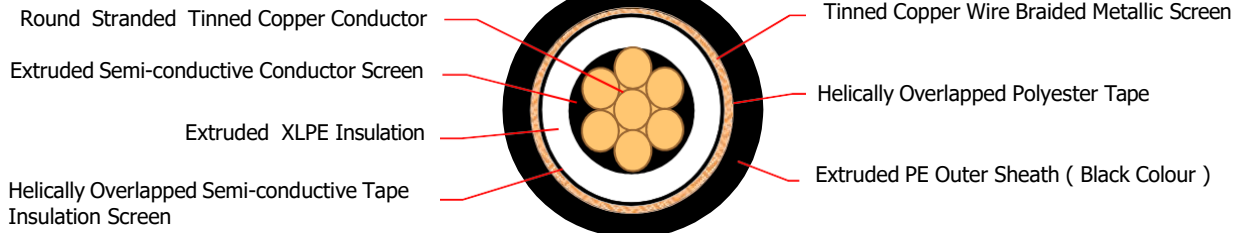
PT JEMBO CABLE COMPANY Tbk.

Schedule of Technical Data

I/N : DTSXC7PE001006MC

**AIRFIELD LIGHTING PRIMARY CABLE  
TSXC7Pe 1 x 6 mm<sup>2</sup> 5 kV**

Ref. Spec : FAA Spec for L-824, AC 150/5345-7E



**Cable Construction**

1 Conductor	:	Round stranded Tinned copper wire
Number of wire	:	7
Appr. Outer Diameter	:	3,12 mm
2 Conductor Screen	:	Extruded Semi-conductive
Nom. thickness	:	0,3 mm
3 Insulation	:	Extruded XLPE
Min. Average Thickness	:	2,3 mm
Min. Point Thickness	:	1,97 mm
4 Insulation Screen	:	Helically Overlapped Semi-conductive Tape
5 Metallic screen	:	Tinned Copper wire braided
Covering	:	80 %
6 Core Wrapping	:	Helically Overlapped Polyester Tape
7 Outer Sheath	:	Extruded PE ( Black Colour )
Min. Average Thickness	:	1,6 mm
Min. Point Thickness	:	1,08 mm
Outer Diameter	:	12,3 mm
8 Cable Marking	:	JEMBO CABLE SXC7Pe 1 x 6 mm <sup>2</sup> 5 kV "Year"
Minimum bending radius	:	148 mm

**Electrical Characteristic**

1 Max. DC Conductor Resistance at 20°C	:	3,08 Ohm/km
2 Max. DC Screen Resistance at 20°C	:	5 Ohm/km
3 AC Dielectric Strength at 12.5 kV/ 5 min	:	No Break Down Shall Occur
4 Min. Insulation resistance	:	4000 Meg.Ohm.km
5 Max. Current Rating in Ground at 30°C	:	95 A
6 Short Circuit Current at,	:	
1 sec.	:	0,85 kA
0.5 sec.	:	1,20 kA
0.3 sec	:	1,56 kA
0.1 sec	:	2,69 kA

**Packing**

1 Type of Packing	:	Wooden Drum
2 Standard Length	:	1000 m
3 Dimension of Drum	:	960 mm x 570 mm
4 Net Weight	:	185 kg
5 Gross Weight	:	254