

### Specification for Cable Jacket System for LHB type coaches

#### 1.0 SCOPE

Cable jacket system shall comprise of braided hose of various sizes for jacketing naked cables provided in LHB type coaches.

#### 2.0 TECHNICAL REQUIREMENTS

- Material : Polyolefin
- Maximum surface coverage : >90%
- Fire retardancy : Self extinguishing conforming to UL94V2
- Temperature range : -30°C to +105°C
- Dimensions : As per Table-I
- Material shall be suitable for Rolling stock application and shall be proven/in use in Railways. Quality of the product shall meet LHB standards.

**TABLE-I**

Item No.	Nominal Width (mm)	Range of Application		PMA Cat.no. / Equivalent RCF approved make
		Min(mm)	Max(mm)	
1.	3	2	5	F.PX.03gr
2.	4	3	7	F.PX.04gr
3.	6	5	8	F.PX.06gr
4.	8	7	10	F.PX.08gr
5.	10	9	14	F.PX.10gr
6.	12	11	16	F.PX.12gr
7.	16	15	21	F.PX.16gr
8.	20	20	26	F.PX.20gr
9.	25	24	31	F.PX.25gr
10.	30	28	38	F.PX.30gr
11.	40	38	49	F.PX.40gr

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Manufacturing Drawings/Technical Details  
Specifications Approved as Per ToT Contract



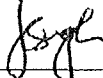

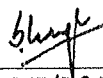
**Corrigendum-1**

This corrigendum is issued to specification for Cable Jacket system for LHB type coaches i.e EDTS138 as follows:

**Clause 2.0 is amended as follows:**

Description	Existing	Revised
Material	Polyolefin	Polyester
Fire retardancy	Self extinguishing conforming to UL94 V2	Self extinguishing conforming to UL94 V0

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### Corrigendum-2

This Corrigendum-2 is being issued to Specification no. EDTS-138, Corr.-1 for Cable Jacket System for LHB Type Coaches. The reference clause regarding fire retardancy of material of Cable Jacket System mentioned in Corrigendum-1 shall be read as under:

**Clause 2.0 is amended as follows:**

<u>Description</u>	<u>Existing</u>	<u>Revised</u>
Fire Retardancy	Self-extinguishing conforming to UL94 V0	Material shall complying to EN-45545-2 , Class: R22/R23 with HL2 category level.

EDTS-138, Corr.-1	2	11.01.2021	<i>Elev</i>	<i>Dunbar</i>	<i>Srinivas</i>	1 OF 1
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