

A) Technical Drawings

No.	Parts / Components	Drawing No.	Drawing Quantity	Approving Authority / Date
1.	6.35/11kV Cross-Linked Polyethylene (XLPE) Insulated, Aluminium Conductor, PVC Sheathed Aerial Bundled Cable (ABC) 3Cx70mm ² +50mm ²	SC-282	1	TNBD – ES / 29 th October 2018
2.	6.35/11kV Cross-Linked Polyethylene (XLPE) Insulated, Aluminium Conductor, PVC Sheathed Aerial Bundled Cable (ABC) 3Cx150mm ² +50mm ²	SC-283		
3.	6.35/11kV Cross-Linked Polyethylene (XLPE) Insulated, Aluminium Conductor, PVC Sheathed Aerial Bundled Cable (ABC) 3Cx240mm ² +50mm ²	SC-286		

B) Source of Key Raw Materials / Components / Sub-assemblies

i) List of Components

No.	Material / Component	Manufacturer	Model / Grade	Country of Origin
1.	Aluminium Ingot / Conductor	Tomago Aluminum Co. Pty. Ltd.	Ingot 107052	Australia
		Sohar Aluminium Company	Ingot – R P1020A03 – SI - 0023	Oman
		Ma'aden	Ingot MS0031	Saudi Arabia
		Press Metal Bintulu Sdn Bhd	Ingot P1020 22kg	Malaysia
2.	Semi Conductive Compound / Conductor Screen	Jiangsu Dewei Advance Materials Co. Ltd.	0535 -Semi Conductive Bonded Screen	China
		TSC Co. Ltd.	SH4000	Korea
		Sungji Industry Inc.	DYM – 515	Korea
		Hanwha Chemical Corporation	CTBA 8730BK	Korea
		Kyungwon New Material Inc.	PRAMKOR – 1001	Korea
		Plastrade Enterprise Sdn. Bhd.	Bonded Crosslinkable Semi Conductive Compound 350B	Malaysia
		Wanma Macromolecule	WMP-1003	Korea
			WMP-1103_Y	Korea
		Jiangyen Haifeng Cable Material Co., Ltd.	7890 Inner Semi_Conductive XLPE Compound	China

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B) Source of Key Raw Materials / Components / Sub-assemblies (Cont.)

No.	Material / Component	Manufacturer	Model / Grade	Country of Origin
2.	Semi Conductive Compound / Conductor Screen	Wanma Macromolecule	WMP-1003	Korea
			WMP-1103_Y	Korea
		Jiangyen Haifeng Cable Material Co., Ltd.	7890 Inner Semi_Conductive XLPE Compound	China
3.	XLPE Compound / Insulation	LG Chem Ltd.	PE Compund XL8080NT	Korea
		Plastrade Enterprise Sdn Bhd	Plaslink Crosslinkable Polyethylene MV XLPE 135M	Malaysia
		Hanwha Chemical Corporation	CLNB 8141S	Korea
		Borouge	ME 6052	UAE
			LS4201R	
		Jiangsu Dewei Advanced Material Co. Ltd	XLPE compound XEJ-35	China
		Wanma Macromolecule	YJ35	China
4.	Semi Conductive Compound / Insulation Screen	Jiangsu Dewei Advanced Materials Co. Ltd.	0835 Semi Conductive Strippable	China
		TSC Co. Ltd.	SH5100	Korea
		Sungji Industry Inc.	DYM – 625ES	Korea
		Hanwha Chemical Corporation	CCBA 8735BK	Korea
		Kyungwon New Materials Inc.	PRAMKOR – 3005	Korea
		Plastrade Enterprise Sdn Bhd	Strippable Crosslinkable Semiconductive Compound 350S	Malaysia
		Jiangyen Haifeng Cable Material Co., Ltd.	8890 Outer Semi-Conductive XLPE Compound	China
5.	Copper Tape / Metallic Screen	Luna Far East Sdn Bhd	Copper tape (0.10 x 30 mm)	Selangor
		Fullway Technology Co. Ltd.	Copper foil (0.1*35mm)	China
		Jiangsu Zhongtian Technology Co., Ltd	Copper Tape (0.10mm*30mm)	China

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B) Source of Key Raw Materials / Components / Sub-assemblies (Cont.)

No.	Material / Component	Manufacturer	Model / Grade	Country of Origin
6.	PTP Tape / Core Identification	Polysplit Industries Sdn. Bhd.	Color Binder Tape with Core	Malaysia
7.	Non-Hygroscopic Binding Tape / Separator	Tauplene Industries Sdn. Bhd.	PP woven tape	Malaysia
		Symphonic Packaging Sdn. Bhd.	PP woven laminated fabric	Malaysia
		Polysplit Industries Sdn. Bhd.	Color binder tape (PTP Tape)	Malaysia
		Daya Sempurna Manufacturing Sdn Bhd	PP woven tape	Malaysia
			Non-woven tape	
8.	PVC Compound	Nextol Polymer Sdn. Bhd.	PVC Compound ST-2 NL	Malaysia
9.	UV Compound / Outer Sheath	Ultrabatch	Master UV 70333	Italy
10.	Galvanised Steel Wire/Messenger Wire	Bonisa Resources Sdn Bhd	Standard Galvanised Wire 315mm	Kedah

C) Key Manufacturing Processes

No.	Key Manufacturing Processes	Manufactured By / Location
1.	Aluminium Rods	Southern Cable Sdn. Bhd., Kuala Ketil, Kedah.
2.	Drawing	
3.	Stranding	
4.	Triple Extrusion Insulation	
5.	Taping	
6.	Sheathing	
7.	Cabling	
8.	Finish Good Test	
9.	Packing	
10.	Store	

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