

FINECAB**FINECAB WIRES&CABLES PRIVATE LIMITED**
(AN ISO 9001 - 2015 COMPANY)

REGD OFFICE : 2-3-465/7 MINISTER ROAD, SECUNDERABAD - 500 003

Works : Plot No. 6 & 20 Phase IV,IDA,Patancheru - 502 319,(Sangareddy Dist.) TELANGANA STATE

TEL:27818908, 27816588, FAX (040) 27721916

EMAIL : finecabwires@gmail.com

PACKING LIST

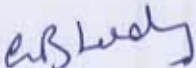
Date: 06.03.2019

CUSTOMER : M/s. SOUTH CENTRAL RAILWAY A/c. OF LALITHA ENTERPRISES
PO No. & Date : E-M-SC-13-PA-OT-2018-19 DT: 26.09.2018
DESCRIPTION : 4core 50sqmm LT XLPE Aluminium armoured cable as per IS : 7098 Part-I
SIZE & TYPE OF CABLE : 4 c X 50 Sq.mm A2XFY

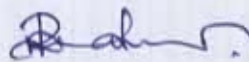
Sl.No.	TYPE OF CABLE	Drum NO.	Qty. in Mtrs.	*LCI Mtrs	FINAL LENGTH (Mtrs)
1	4 c X 50 Sq.mm A2XFY	EX/1218/675	1000		1000
2	4 c X 50 Sq.mm A2XFY	EX/1218/677	1000	4	996
3	4 c X 50 Sq.mm A2XFY	EX/1218/679	1000		1000
4	4 c X 50 Sq.mm A2XFY	EX/0119/551	1000	4	996
		Total =	4000	8	3992

* Length Consumed for testing

Verified By

GHALI BHARDWAJ
Inspecting Engineer
RITES/SOUTHERN REGION

For FINECAB Wires &Cables(P.) Ltd.,



Manager Q.A.



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ACCEPTANCE TEST REPORT

Date: 05 & 06.03.2015

CUSTOMER : M/s. SOUTH CENTRAL RAILWAY A/c. OF LALITHA ENTERPRISES

PO No. & Date : E-M-SC-13-PA-OT-2018-19 DT: 26.09.2018

DESCRIPTION : 4core 50sqmm LT XLPE Aluminium armoured cable as per IS : 7098 Part-I

SIZE & TYPE OF CABLE : 4 c X 50 Sq.mm A2XFY

S.No	TEST DESCRIPTION	SPECIFIED VALUE	OBSERVED VALUES											
			Drum No : EX/1218/677						Drum No : EX/0119/551					
			RED	YELLOW	BLUE	BLACK	RED	YELLOW	BLUE	BLACK	RED	YELLOW	BLUE	BLACK
1	Conductor Resistance at 20°C (Ω/km)	Max: 0.641	0.616	0.623	0.612	0.626	0.608	0.608	0.600	0.604	0.608	0.608	0.600	0.604
2	Thickness of XLPE Insulation Nominal	Nom:1.0 mm	1.06	1.11	1.11	1.12	1.22	1.08	1.11	1.15	1.22	1.08	1.11	1.15
3	Thickness of XLPE Insulation Minimum	Min: 0.8 mm	1.01	1.02	1.09	1.09	1.14	1.04	1.05	1.09	1.14	1.04	1.05	1.09
4	Thickness of Innersheath	Min:0.30 mm	0.73						0.72					
5	Thickness of Outer Sheath	Min:1.56 mm	1.67						1.68					
6	Tensile Strength of Insulation	Min: 12.5 N/mm ²	18.48	21.02	20.04	21.49	18.39	17.34	17.26	19.52	18.39	17.34	17.26	19.52
7	% Elongation of Insulation	Min: 200%	360	415	500	410	425	475	390	475	425	475	390	475
8	Tensile Strength of Outer Sheath	Min: 12.5 N/mm ²	16.82						15.76					
9	% Elongation of Outer Sheath	Min: 150%	275						250					
10	Hot Set Test of XLPE Insulation													
	% Elongation under load condition	Max : 175 %	71.25	61.45	71.4	81.2	91.4	65.5	61.25	70.5	91.4	65.5	61.25	70.5
	% Permanent Set	Max : 15 %	10.5	6.4	10.9	6.1	8.2	8.3	3.95	8.26	8.2	8.3	3.95	8.26
11	Volume Resistivity of Insulation at 27°C	Min:1x10 ¹⁴ Ω-cm	9.5x10 ¹⁴	10.6x10 ¹⁴	11.4x10 ¹⁴	9.2x10 ¹⁴	9.7x10 ¹⁴	10.1x10 ¹⁴	8.9x10 ¹⁴	10.2x10 ¹⁴	9.7x10 ¹⁴	10.1x10 ¹⁴	8.9x10 ¹⁴	10.2x10 ¹⁴
12	Volume Resistivity of Insulation at 90°C	Min:1x10 ¹² Ω-cm	10.2x10 ¹³	11.4x10 ¹³	9.7x10 ¹³	10.2x10 ¹³	10.1x10 ¹³	11.8x10 ¹³	9.3x10 ¹³	9.1x10 ¹³	10.1x10 ¹³	11.8x10 ¹³	9.3x10 ¹³	9.1x10 ¹³
13	High Voltage Test shall withstand	3 KVAC for 5 min at RT	Withstood the test						Withstood the test					

Test Witnessed by

GHALI BHARDWAJ
INSPECTING ENGINEER
RITES / SOUTHERN REGION

Inspecting Engineer

RITES/SOUTHERN REGION

FINECAB WIRES & Cables (P.) Ltd.

Manager Q.A.



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ROUTINE TEST REPORT

DATE:01.03.2019

CUSTOMER : M/s. SOUTH CENTRAL RAILWAY A/c. Of LALITHA ENTERPRISES
PO No. & Date : E-M-SC-13-PA-OT-2018-19 DT: 26.09.2018
DESCRIPTION : 4core 50sqmm LT XLPE Aluminium armoured cable as per IS : 7098 Part-I
SIZE & TYPE OF CABLE : 4 c X 50 Sq.mm A2XFY

Sl.No.	Drum NO.	Qty. in Mtrs.	Conductor Resistance @20 deg. C Max: 0.641 Ohms/km				High Voltage Test 3 K.V.A.C for 5 minutes
			Red	Yellow	Blue	Black	
1	EX/1218/675	1000	0.624	0.627	0.631	0.629	With stood The Test
2	EX/1218/677	1000	0.628	0.634	0.632	0.632	With stood The Test
3	EX/1218/679	1000	0.630	0.628	0.629	0.632	With stood The Test
4	EX/0119/551	1000	0.627	0.630	0.626	0.628	With stood The Test
	Total =	4000					

For FINECAB Wires &Cables(P.) Ltd.,

Vfnd
aBhardwaj
GHALI BHARDWAJ
INSPECTING ENGINEER
RITES / SOUTHERN REGION

R. Chandra
Manager Q.A.

