



# Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China

[www.eescable.com](http://www.eescable.com)

Part Number: URD-CU/TRXLPE/CWS/LLDPE 1\*750MCM 15kV 100%

## Product Description:

NO.	Component	Test item	Units	Requirement	Measured	Result
1	Conductor					
1.1	Conductor	Structure	Number	61	61	pass
1.2	Conductor	Diameter	mm	24.1~24.85	24.2	pass
2	Conductor Shield	Thickness	mm	0.69	0.92	/
			mm	Min. 0.51	0.79	pass
		Depth of depression	mm	<0.076	0	pass
		Protrusion height	mm	<0.17	0	pass
3	Insulation (TR-XLPE)	Thickness	mm	Min. 4.19	4.40	pass
			mm	Max. 5.21	4.61	pass
		Protruding height of insulation to insulation shield	mm	<0.17	0	pass
4	Hot Creep Test 150°C,15min (TR-XLPE)	Elongation	%	Max. 175	28	pass
		Variation after cooling	%	Max. 10	0	pass
5	Extruded Insulation Shield	Thickness	mm	Min. 1.02	0.72	pass
			mm	Max. 1.91	0.78	pass
		Depth of insulation shield to insulation recess	mm	<0.127	0	pass
6	Copper wire shielding	Layer	Number	20	20	pass
		Monofilament diameter	mm	2.91	2.91	/
7	Jacket(LLDPE) (Black with red stripe)	Thickness	mm	2.03	2.32	/
			mm	Min. 1.78	1.86	pass
			mm	Max. 3.05	2.94	pass
		Diameter	mm	45.4~48.6	45.6	pass
8	Electrical test	D.C. resistance of conductor at 20°C Max.	ohm/Km	Max. 0.0463	0.0462	pass
		Partial discharge test	35kV	Max. 5Pc	3.0Pc	pass
		Voltage test(AC:35kV,5min)		no-breakdown	no-breakdown	pass

**Test Conclusion: Comply with technology agreement requirement.**

Inspected by

Signature:

Date 2022/10/10

Approved by

Signature:

Date 2022/10/10

杭州益睿电线电缆有限公司

HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.