



## CABLE TEST CERTIFICATE

**CABLE TYPE** : J-H(st)H 1x2x1.0+0.8  
**PRODUCT NAME** : UCS  
**REFERANCE STANDARD** : IEC 60228, 60332-1-2, IEC 60754-1, IEC  
**DRUM NO** : 60754-2 : 1507481| 0001>0023

04.08.2015

TEST NAME	STANDART REQUIRED	MEASURED WITH	TEST RESULT
CONDUCTOR DIAMATER	1.0±0.01 mm	Micrometer	1.02 mm
CONDUCTOR ELONGATION	Min %15	Tensile&Elongation Test Machine	%28
CONDUCTOR RESISTANCE	Maximum 22.8 Ω/km	Miliohmmeter	19.4 Ω/km
INSULATION DIAMETER	Nominal 1.7 mm	Caliper	1.78 mm
INSULATION RESISTANCE	100 MΩ/km	Insulation Test Machine	OK
INSULATION DIELECTRIC	1 KV DC,1 minute	High Voltage Test Machine	OK
INSULATION TENSILE STRENGTH	9 N/mm <sup>2</sup>	Tensile Test Machine	11.6N/mm <sup>2</sup>
INSULATION ELONGATION	125%	Elongation Test Machine	322%
CABLE WRAPPING	Polyester Tape	Visual	OK
DRAIN WIRE	0.8 mm	Micrometer	0.801
SCREEN	100% covered Al/PES	Visual	OK
JACKET THICKNESS	Nominal 0.6 mm	Caliper	0.64 mm
JACKET TENSILE STRENGTH	9 N/mm <sup>2</sup>	Tensile Test Machine	12.8 N/mm <sup>2</sup>
JECKET ELONGATION	125%	Elongation Test Machine	336%
JACKET COLOR	RAL 3000	RAL Catalog	OK
FLAME SPREAD	L2≤540mm, 1 minute	Flame Test Machine	OK
SMOKE EMISSION	Minimum 60%	Test Room	OK
HALAGEN GAS CONTENT	PH≥3.5 conductivity ≤10 μ/mm	Test Machine	OK
MINIMUM BENDING RADIUS	10xD	Mandrel	OK

