

Test Report


CABLE TYPE : JE-H(st)H FE 180 /E90 2x2x0.8mm+0.8mm (3.650.1.4.3.2080.0.0002)
DRUM NO : 1606292/0183 ; 1608253/0002-0005,0009; 1608253 /0006-0008,0010
ORDER NO : W16-0613, 0578, 0613
REPORT NO : M.2016008.012

TEST NAME	STANDART REQUIRED	MEASURED WITH	VALUE	TEST RESULT
Test Voltage	VDE 815	Test Machine	2000V AC	OK
Conductor Resistance	IEC 60228	Miliohmmeter	Max. 36.6 Ω/km	34.9 Ω/km
Conductor Diameter	IEC 60228	Caliper	0.8±0.008mm	0.801mm
Insulation Resistance	VDE 815	Insulation Test Machine	Min. 100 MΩ/km	OK
Sheath Tensile Strength %Elongation	VDE 815	Tensile&Elongation Test Machine	min 9 N /mm ² min %125	12.0N/mm ² %289
Cable Diameter	--	Caliper	Nom 6.82mm	6.9mm
Capacitance	VDE 815	Multimetre	Max 120nF/km	79nF/km
Sheath Thickness	--	Caliper	Nom. 0.75 mm	0.82mm
Screen Covarage	--	Visual	%100 covarage ALPES	OK
Conductor Diameter	IEC 60228	Caliper	0.8±0.008mm	0.801mm
Drain wire	--	Caliper	0.8 mm	0.8mm
Tape Thickness	--	Micrometer	23micron	23 micron
Number of Conductor	VDE 815	Visual	4 conductor 1 cond. Drain wire	4 conductor 1 cond. Drain wire
Flame Propagation	IEC 60332-1-2	L2≤ 540mm ,1 minute	Flame Test Machine	OK
Halogen Gas Content	IEC 60754-1-2	Test machine	ph≥3.5 conductivty ≤ 10μ/mm	OK
Smoke Emission	IEC 61034	Test room	Min. %60	OK
Current Continuity , FE180	IEC 60331	Flame Test Machine	Min 180 minute	OK
Cable System Circuit,E90	VDE 4102-12	Test System	Min 90	OK

- All tests were carried out in ETK cable Laboratories.

Test By

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