



Designation : M basic query texts
 Testorder : Acceptance test 4 pairs
 Test Date/Time : 25.05.2020 14:45:37 Sample-ID-No. : 000009UDC9 Length : 100m Temp : 23°C
 Customer : HEW drum no. : VE23558
 Cable type : TEH(ST)CCY-Cuvv/vz4x2xAWG2419 Order number : 006909-4
 Specification :- operator : LVR

Test Result: **PASS**

Final inspection

Worst Case Summary

Units	Units	Ra-b	R	Ca-b	C	K
N	No. of measuring values	Ohm	Ohm	nF	nF	pF
RefLength	Reference length [m]	1000	1000	1000	1000	1000
ULim	Upper limit meas. values					
Max	Maximum value	81.87	163.61	91.29	54.19	608 ✓
Min	Minimum value	80.12	160.56	86.14	51.67	-398 ✓
LLim	Lower limit meas. values					
No>Lim	No. of elements>limit					

LF R

No	From	To	Ra	Rb	R1	No	From	To	Ra	Rb	R1
			Ohm	Ohm	Ohm				Ohm	Ohm	Ohm
			/1000m	/1000m	/1000m				/1000m	/1000m	/1000m
1	1-		81.87	81.74	163.61	2	2-		80.93	81.00	161.93 ✓
3	3-		80.44	80.12	160.56	4	4-		80.33	80.46	160.79 ✓

LF CKE 1 kHz

No	From	To	Ca	Cb	C1	K	No	From	To	Ca	Cb	C1	K
			nF	nF	nF	pF				nF	nF	nF	pF
			/1000m	/1000m	/1000m	/1000m				/1000m	/1000m	/1000m	/1000m
1	1-	2	91.29	89.60	54.19	498	2	2-	3	89.65	86.97	52.40	-359 ✓
3	3-	4	86.14	86.60	51.67	608	4	4-	1	90.89	88.41	52.54	-398 ✓

insulation "element by element -> all other elements and screen"

Insulation test 500 V, 20s, element by element -> all other elements and screen: **Passed**
 No. of parallel elements : 1
 No. of elements : 8
 No. of failed elements : 0

Values in [GOhm*km]:

1.	10.0000	2.	10.0000	3.	10.0000	4.	10.0000	5.	10.0000
6.	10.0000	7.	10.0000	8.	10.0000				

high voltage test AC element

Voltage test 0.5kV AC, 60s, element by element -> all other elements and screen: Passed
1 2 3 4 5 6 7 8

No. of elements : 8
No of failed elements : 0
Test time : 60s

high voltage test AC

Voltage test 1.0kV AC, 60s, all elements -> screen: Passed

Final control authorized signature: