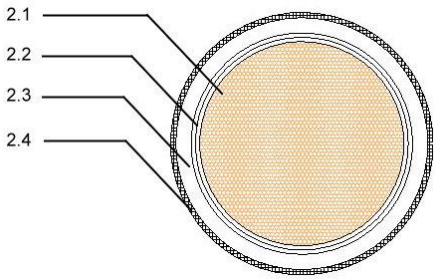
TD-Number 17347-002

Data sheet L827xxxx-600V

Koflex Thermo PTFE YTEGL- n.p.c (0.50-50)mm² 600V DNV TAE00002T4



Technical data

Operating voltage	600V	
Test voltage	4600V	
Temperature range	fix installed:	-190°C up to +260°C
Minimum bending radius	fix installed	cable diameter x 10
	free movement	cable diameter x 15

Part.nr.	Cross sec.	Conductor	Conductor Ø	Wall thickness	Outer Ø	Resistance @ 20°C	Weight
	mm²	X x mm	max. mm	mm	mm	max. Ω/km	kg/km
L8270050	0.50	16x0.203	0.98	0.29	2.4 +/-0.2	40.1	12.8
L8270075	0.75	24x0.203	1.16	0.28	2.6 +/-0.2	26.7	16
L8270100	1	32x0.203	1.35	0.28	2.7 +/-0.2	20.0	19
L8270150	1.5	30x0.254	1.61	0.33	3.1 +/- 0.3	13.7	26
L8270250	2.5	50x0.254	2.11	0.45	3.8 +/- 0.3	8.21	42
L8270400	4	56x0.301	2.58	0.45	4.3 +/-0.3	5.09	56
L8270600	6	84x0.301	3.22	0.50	5.0 +/-0.3	3.39	81
L8271000	10	80x0.404	4.95	0.45	6.5 +/-0.4	1.95	133
L8271600	16	126x0.404	6.0	0.45	7.6 +/-0.4	1.24	194
L8272500	25	196x0.404	7.6	0.53	9.3 +/-0.5	0.795	300
L8273500	35	276x0.404	8.8	0.60	10.8 +/-0.5	0.565	414
L8275000	50	392x0.404	10.7	0.50	12.0 +/-0.7	0.393	548

2.1
Core — nickel plated copper, see table above

2.2
Tape — Foil and Polyimide tape

2.3
Sheath material — PTFE

2.4
Fiber glas yarn braiding

Colour — white

RoHS compliant — (2015/863/EU) / EC Low Voltage Directive 2014/35/EU

Ref. DNV Type Approval Certificate nr.: TAE00002T4

Version 1, 03.12.2024