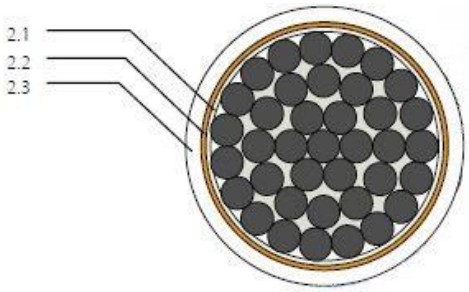
KOCH Kabel
Smart cabling by Koch Kabel AG

TD-Number 17347-001

Data sheet L824xxxx-600V

Koflex Thermo PTFE YTE- n.p.c (0.50-50)mm^2 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
	mm^2	X x mm	max. mm	mm	mm	max. Ω/km	kg/km
L8240050	0.50	16x0.203	0.98	0.29	1.78 +/- 0.1	40.1	8.9
L8240075	0.75	24x0.203	1.16	0.28	1.95 +/- 0.1	26.7	11.6
L8240100	1	32x0.203	1.35	0.28	2.15 +/- 0.1	20.0	14.6
L8240150	1.5	30x0.254	1.61	0.33	2.5 +/- 0.15	13.7	20.6
L8240250	2.5	50x0.254	2.11	0.45	3.2 +/- 0.2	8.21	34
L8240400	4	56x0.301	2.58	0.45	3.7 +/- 0.2	5.09	50
L8240600	6	84x0.301	3.22	0.50	4.4 +/- 0.2	3.39	72
L8241000	10	80x0.404	4.95	0.45	5.9 +/- 0.3	1.95	119
L8241600	16	126x0.404	6.0	0.45	7.0 +/- 0.3	1.24	179
L8242500	25	196x0.404	7.6	0.53	8.7 +/- 0.45	0.795	281
L8243500	35	276x0.404	8.8	0.60	9.9 +/- 0.3	0.565	382
L8245000	50	392x0.404	10.7	0.50	11.4 +/- 0.6	0.393	523

2.1
Core — see table above

2.2
Tape — Foil and Polyimide tape

2.3
Sheath material — PTFE

Colour — white, black, grey, brown, yellow-green

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

Ref. DNV Type Approval Certificate nr.: TAE00002T4

Version 1, 04.07.2023