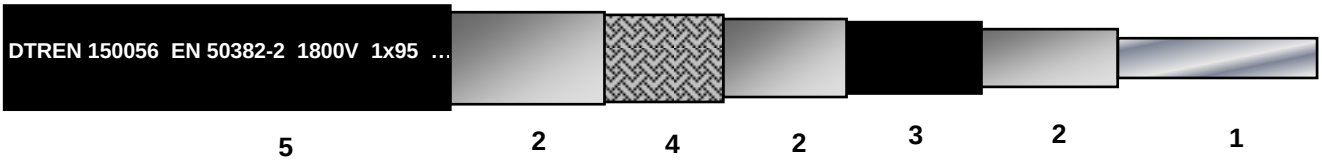
SILICABLE® RW
DTREN 150068
EN 50382-2 1800V FFXS 120°C



1 – Flexible tinned copper core – class 6 - IEC 60228
2 – Separating tape (optional)
3 – Silicone rubber insulation with high mechanical properties – type EI111 as per EN 50382-1
4 – Tinned copper braid
5 – Silicone rubber sheath with high mechanical properties – type EM107 as per EN 50382-1

In some cases, a separating tape may be applied between 2 successive layers, upon production requirements.

Reference : SILICABLE® RW DTREN 150068 EN 50382-2 1800V FFXS 120°C

Marking : DTREN 150068 EN 50382-2 1800V 1x<cross-section> FFXS 120°C - OMERIN 369 - <batch> <week> <year>

Specification: DTREN150068 ind A0

Construction details : See table page 2

Technical data :

Thermal :	Continuous working temperature of cable	: -40°C at + 120°C
Electrical :	Working voltage as per EN 50382-2	: 1.8 / 3 kV
	Test voltage as per EN 50382-2	: 6.5 kV a.c
Mechanical :	Alternated flexion resistance	: Good
	Bending radius as per EN 50355	: 10 x D
Chemical :	Chemical atmosphere resistance	: Good
	Humidity resistance	: Good
	Oil resistance	: Good
Fire-smoke :	Fire classification according to EN 45545-2	: R16 HL3

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ALSTOM reference	OMERIN reference	Cross section mm²	Nominal stranding CuSn	Nominal thickness of insulation mm	Minimal insulation diameter mm	Maximal insulation diameter mm	Nominal strands diameter of braid mm	Nominal thickness of sheath mm	Minimal outer diameter mm	Maximal outer diameter mm	Maximum linear resistance at 20°C Ω/km
DTR0000575319	A0853001	25	798/0.2	1.8	10.1	11.1	0.20	1.4	14.0	15.3	0.795
DTR0000575320	A0853002	50	740/0.3	1.8	12.5	13.9	0.20	1.4	16.6	18.6	0.393
DTR0000575321	A0853003	70	1036/0.3	1.8	14.5	15.9	0.20	1.5	18.5	20.7	0.277
DTR0000551401	A0853004	95	1369/0.3	2.2	16.7	18.3	0.20	1.5	20.7	23.2	0.210
DTR0000575797	A0853005	120	1776/0.3	2.2	18.1	19.9	0.20	1.6	22.3	25	0.164
DTR0000575322	A0853006	150	2220/0.3	2.2	20.8	22.7	0.20	1.6	24.9	27.9	0.132
To be created	A0853007	185	2738/0.3	2.4	22.3	24.4	0.20	1.7	27.1	30.3	0.108
To be created	A0853008	240	3552/0.3	2.4	25.3	27.6	0.30	1.8	30.3	33.8	0.0817

For this product, please contact :

A0853xx1b_gb, created on 2023/01/02 by DURET, approved on 2023/01/05 by MATHEVON

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