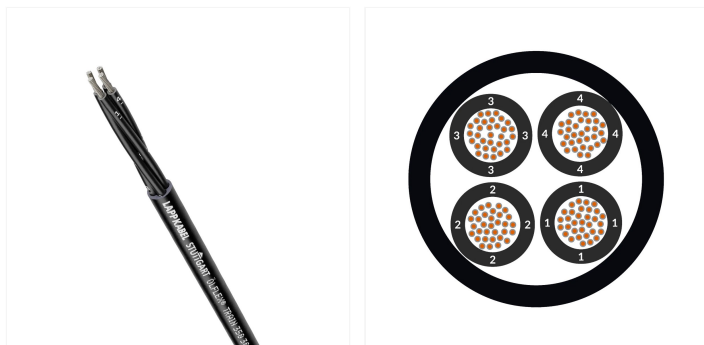


ÖLFLEX® TRAIN 350 300V 2X1

Article No.: 15350000

Railway cable; 2X1; EN 50264-3-2; Type MM; U_0/U : 300/500 V; -40 - 120 °C; Electron-beam cross-linked polymer compound;



CE



Details

Notes

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Remarks

Technical Data

General information

Brand	ÖLFLEX®
Product type	Railway cable

Copper index	129.02 lb/10000 ft
Industry segment	Agricultural & Farm Machinery Rolling Stock

Electrical parameters

Nominal voltage	U_0/U : 300/500 V AC rms / DC according to IEC
Maximum operating voltage U_m	600 V AC
test voltage	2 kV
Current rating according to	EN 50355
Short-circuit temperature [5s]	200 °C

Product design

Type designation for rolling stock cables	Type MM
Cable dimension	2X1
Nominal cross section conductor (mm ²)	1 mm ²
Conductor design	IEC 60228 class 5: fine-wire
Including protective ground	No
Number of cores	2
Stranding type	Layered Stranding
Shielded	No
Nominal outer diameter	0.213 in
Cable form	Round
Core insulation base material	Electron-beam cross-linked polymer compound
Basic material of outer jacket	Electron-beam cross-linked polymer compound
Outer jacket color	black
Core identification	Numbers
Conductor color code	EN 50334 VDE 0293-1

Product features

Application area	Fixed Installation
Minimum bending radius, stationary	4 x outer diameter
Minimum bending radius in inch, fixed installation	0.85 in
Temperature, fixed installation	-40 °C to 120 °C max. conductor temperature -50 °C according to GOST
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2 EN 50305 NF-C 32-070 (C1) NF-C 32-070 (C2) NF-F 16-101 (A1) NF-F 16-101 (A2) NF-F 16-101 (B) NF-F 16-101 (C)
low smoke density according to	EN 50306-1 IEC 61034-2 NF X 10-702
low toxicity of combustion gases	EN 50264-1 EN 50305 NF X 70-100
Corrosiveness of combustion gases according to	EN 50306-1 IEC 60754-2
UV-resistant	Yes
UV-resistant according to	EN 50525-1 (cables with a black jacket are suitable for permanent outdoor use)
Ozone-resistant	Yes
ozone resistant according to	EN 50264-3-1, method B EN 50305
Chemical resistant	Yes
Acid-resistant	Yes
Acid-resistant according to	EN 50264-3-1
Alkali resistant	Yes
Alkali-resistant according to	EN 50264-3-1
Halogenfree	Yes
Halogen-free according to	IEC 60754-1 EN 60684-2

Oil resistant	Yes
Oil resistance according to	EN 50264-3-1
Fuel-resistant	Yes
Fuel-resistant according to	EN 50264-3-1

Certifications and standards

CE marking	Yes
EAC certified	Yes
EAC certification number	EAЭC N RU Д-DE.АЮ64.В.00130/20
VDE certified	No
Resistance to flame propagation tested according to UN/ECE-R118	No
Tested for fire protection for railway vehicles	Yes
Fire protection for railway vehicles hazard level	EN 45545-2 HL1 EN 45545-2 HL2 EN 45545-2 HL3
Standard for railway vehicles	EN 50264-3-2

ÖLFLEX® TRAIN 350 300V

Article No.	Name	Number of cores	Including protective ground	Nominal cross section conductor (mm ²)	Nominal outer diameter	Copper index
15350000	ÖLFLEX® TRAIN 350 300V 2X1	2	No	1 mm ²	0.213 in	129.02 lb/10000 ft

V1.1