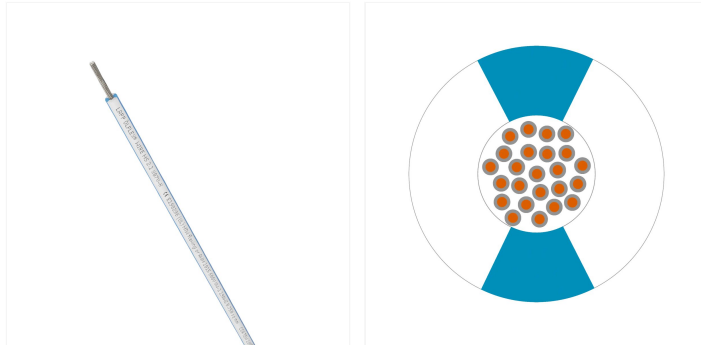


ÖLFLEX® WIRE MS 2.1 1X4 WHBU

Article No.: 4160644

Single conductor; 1X4; white/blue; Ring; U_0/U : 450/750 V; PVC; UL listed; Fixed Installation



Details

Benefits

- UL certification according to technical data enables the product to be used on the North American market.
- Product with multiple certifications enables universal use and reduces the variety of parts, thus guaranteeing logistics savings.
- Compact design for easy processing.
- Versatile use in various applications and environments.
- Classified fire behavior according to EU Directive 305/2011 (BauPVO/CPR) with article number selection on the LAPP website.
- Different conductor insulation colors available.
- Available as a ring or in a large, disposable cardboard box. Large cardboard boxes are available depending on the color and cross-section and generally only up to 6 mm² (0.01 in²) conductor cross-section.

Application

- For wiring circuits inside machines.
- Suitable for wiring inside control cabinets.
- Suitable for use in AC and DC charging infrastructures for electromobility.
- For fixed and protected installation.
- Can be used in dry and damp rooms.

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- Use at temperatures up to 40°C possible.

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.

The absence of PWIS raw materials does not protect against the potential risk of contamination with substances that interfere with the paint wetting during subsequent handling of the product(s) during transport, storage or further processing after delivery.

Remarks

Formerly MULTI-STANDARD SC 2.1

Technical Data**General information**

Brand	ÖLFLEX®
Product type	Single conductor
Copper index	258 lb/10000 ft
Single core packaging type	Ring

Length per PU	328.084 ft
Industry segment	Agricultural & Farm Machinery Assembly Machines Automotive Construction Machinery Energy Food & Beverage Healthcare & Pharma Heating, Ventilation, Air Conditioning & Refrigeration Intralogistics & Material handling Lifts & Elevators Machine Tools Packaging Process Industry Robotics Rolling Stock Ships & boats Solar

Electrical parameters

Nominal voltage	U_0/U : 450/750 V AC rms according to IEC
Rated voltage	600 V AC rms according to UL MTW 600 V AC rms according to CSA TEW 600 V AC rms according to UL AWM
test voltage	2.5 kV

Product design

Cable dimension	1X4
Nominal cross section conductor (mm ²)	4 mm ²
Nominal cross section conductor (AWG)	12 AWG
Leading conductor cross-section	mm ²
Conductor material	Tin-plated Copper
Conductor design	IEC 60228 class 5: fine-wire
Number of cores	1
Nominal outer diameter	0.169 in
Cable form	Round

Core insulation base material	Polyvinylchloride
Conductor insulation basic material, short form	PVC
Single core color	white/blue
Single conductor identification	Stripes, two-colored

Product features

Application area	Fixed Installation
Minimum bending radius, stationary	4 x outer diameter
Minimum bending radius in inch, fixed installation	0.677 in
Minimum bending radius with careful bending	2 x outer diameter
Temperature, fixed installation	-40 °C to 70 °C max. conductor temperature according to EN to 105 °C max. conductor temperature according to UL AWM to 105 °C max. conductor temperature according to CSA TEW to 90 °C max. conductor temperature according to UL MTW
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2 UL VW-1 CSA FT1
UV-resistant	No
weather resistant	No
Ozone-resistant	No
Halogenfree	No
Oil resistant	Yes
PWIS-free	Yes
PWIS-free according to	VDMA 24364-B2-L

Certifications and standards

CE marking	Yes
EAC certified	Yes

EAC certification number	EAЭC N RU Д-DE.AЮ064.B.00130/20, EAЭC N RU Д-DE.AЮ064.B.00142/20
UL recognized	Yes
UL AWM certification	1015 according to UL 758 (e-file number: E63634)
UL listed	Yes
UL certification	UL MTW according to UL 1063 (e-file number: E198296)
cUR recognized	No
cUL listed	No
CSA certified	Yes
CSA certification	TEW according to CSA C22.2 No. 127
VDE certified	No
HAR-certified	No
Product standard DIN / EN	EN 50525-2-31
CPR fire class	Eca
Resistance to flame propagation tested according to UN/ECE-R118	No

ÖLFLEX® WIRE MS 2.1

Article No.	Name	Nominal cross section conductor (mm ²)	Single core color	Single core packaging type	Length per PU	Nominal outer diameter	Copper index
4160100	ÖLFLEX® WIRE MS 2.1 1X0,5 GNYE	0.5 mm ²	green/yellow	Ring	328.084 ft	0.098 in	32.26 lb/10000 ft
4160101	ÖLFLEX® WIRE MS 2.1 1X0,5 BK	0.5 mm ²	black	Ring	328.084 ft	0.098 in	32.25 lb/10000 ft
4160101K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 BK	0.5 mm ²	black	Large Cardboard Box	9,842.52 ft	0.098 in	32.25 lb/10000 ft
4160102	ÖLFLEX® WIRE MS 2.1 1X0,5 BU	0.5 mm ²	blue	Ring	328.084 ft	0.098 in	32.3 lb/10000 ft
4160102K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 BU	0.5 mm ²	blue	Large Cardboard Box	9,842.52 ft	0.098 in	32.25 lb/10000 ft
4160103	ÖLFLEX® WIRE MS 2.1 1X0,5 BN	0.5 mm ²	brown	Ring	328.084 ft	0.098 in	32.3 lb/10000 ft
4160103K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 BN	0.5 mm ²	brown	Large Cardboard Box	9,842.52 ft	0.098 in	32.26 lb/10000 ft
4160104	ÖLFLEX® WIRE MS 2.1 1X0,5 RD	0.5 mm ²	red	Ring	328.084 ft	0.098 in	32.25 lb/10000 ft
4160104K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 RD	0.5 mm ²	red	Large Cardboard Box	9,842.52 ft	0.098 in	32.25 lb/10000 ft
4160105	ÖLFLEX® WIRE MS 2.1 1X0,5 WH	0.5 mm ²	white	Ring	328.084 ft	0.098 in	32.3 lb/10000 ft
4160105K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 WH	0.5 mm ²	white	Large Cardboard Box	9,842.52 ft	0.098 in	32.25 lb/10000 ft
4160106	ÖLFLEX® WIRE MS 2.1 1X0,5 GY	0.5 mm ²	gray	Ring	328.084 ft	0.098 in	32.3 lb/10000 ft
4160106K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 GY	0.5 mm ²	gray	Large Cardboard Box	9,842.52 ft	0.098 in	32.25 lb/10000 ft
4160107	ÖLFLEX® WIRE MS 2.1 1X0,5 VT	0.5 mm ²	violet	Ring	328.084 ft	0.098 in	32.3 lb/10000 ft
4160107K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 VT	0.5 mm ²	violet	Large Cardboard Box	9,842.52 ft	0.098 in	32.26 lb/10000 ft
4160108	ÖLFLEX® WIRE MS 2.1 1X0,5 PK	0.5 mm ²	pink	Ring	328.084 ft	0.098 in	32.25 lb/10000 ft
4160109	ÖLFLEX® WIRE MS 2.1 1X0,5 OG	0.5 mm ²	orange	Ring	328.084 ft	0.098 in	32.3 lb/10000 ft
4160109K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 OG	0.5 mm ²	orange	Large Cardboard Box	9,842.52 ft	0.098 in	32.25 lb/10000 ft
4160110	ÖLFLEX® WIRE MS 2.1 1X0,5 YE	0.5 mm ²	yellow	Ring	328.084 ft	0.098 in	32.3 lb/10000 ft
4160111	ÖLFLEX® WIRE MS 2.1 1X0,5 GN	0.5 mm ²	green	Ring	328.084 ft	0.098 in	32.25 lb/10000 ft
4160114	ÖLFLEX® WIRE MS 2.1 1X0,5 DBU	0.5 mm ²	dark blue	Ring	328.084 ft	0.098 in	32.25 lb/10000 ft
4160114K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 DBU	0.5 mm ²	dark blue	Large Cardboard Box	9,842.52 ft	0.098 in	32.25 lb/10000 ft
4160126	ÖLFLEX® WIRE MS 2.1 1X0,5 BUWH	0.5 mm ²	blue/white	Ring	328.084 ft	0.098 in	32.3 lb/10000 ft
4160144	ÖLFLEX® WIRE MS 2.1 1X0,5 WHBU	0.5 mm ²	white/blue	Ring	328.084 ft	0.098 in	32.3 lb/10000 ft
4160144K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,5 WHBU	0.5 mm ²	white/blue	Large Cardboard Box	9,842.52 ft	0.098 in	32.25 lb/10000 ft
4160200	ÖLFLEX® WIRE MS 2.1 1X0,75 GNYE	0.75 mm ²	green/yellow	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160200K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 GNYE	0.75 mm ²	green/yellow	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft
4160201	ÖLFLEX® WIRE MS 2.1 1X0,75 BK	0.75 mm ²	black	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160201K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 BK	0.75 mm ²	black	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft

Article No.	Name	Nominal cross section conductor (mm ²)	Single core color	Single core packaging type	Length per PU	Nominal outer diameter	Copper index
4160202	ÖLFLEX® WIRE MS 2.1 1X0,75 BU	0.75 mm ²	blue	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160202K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 BU	0.75 mm ²	blue	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft
4160203	ÖLFLEX® WIRE MS 2.1 1X0,75 BN	0.75 mm ²	brown	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160203K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 BN	0.75 mm ²	brown	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft
4160204	ÖLFLEX® WIRE MS 2.1 1X0,75 RD	0.75 mm ²	red	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160205	ÖLFLEX® WIRE MS 2.1 1X0,75 WH	0.75 mm ²	white	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160205K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 WH	0.75 mm ²	white	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft
4160206	ÖLFLEX® WIRE MS 2.1 1X0,75 GY	0.75 mm ²	gray	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160206K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 GY	0.75 mm ²	gray	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft
4160207	ÖLFLEX® WIRE MS 2.1 1X0,75 VT	0.75 mm ²	violet	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160207K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 VT	0.75 mm ²	violet	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft
4160208	ÖLFLEX® WIRE MS 2.1 1X0,75 PK	0.75 mm ²	pink	Ring	328.084 ft	0.106 in	48.38 lb/10000 ft
4160209	ÖLFLEX® WIRE MS 2.1 1X0,75 OG	0.75 mm ²	orange	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160209K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 OG	0.75 mm ²	orange	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft
4160210	ÖLFLEX® WIRE MS 2.1 1X0,75 YE	0.75 mm ²	yellow	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160211	ÖLFLEX® WIRE MS 2.1 1X0,75 GN	0.75 mm ²	green	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160214	ÖLFLEX® WIRE MS 2.1 1X0,75 DBU	0.75 mm ²	dark blue	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160214K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 DBU	0.75 mm ²	dark blue	Large Cardboard Box	8,202.1 ft	0.106 in	48.4 lb/10000 ft
4160226	ÖLFLEX® WIRE MS 2.1 1X0,75 BUWH	0.75 mm ²	blue/white	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160226K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 BUWH	0.75 mm ²	blue/white	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft
4160244	ÖLFLEX® WIRE MS 2.1 1X0,75 WHBU	0.75 mm ²	white/blue	Ring	328.084 ft	0.106 in	48.4 lb/10000 ft
4160244K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X0,75 WHBU	0.75 mm ²	white/blue	Large Cardboard Box	8,202.1 ft	0.106 in	48.38 lb/10000 ft
4160300	ÖLFLEX® WIRE MS 2.1 1X1 GNYE	1 mm ²	green/yellow	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160300K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 GNYE	1 mm ²	green/yellow	Large Cardboard Box	6,561.68 ft	0.114 in	64.5 lb/10000 ft
4160301	ÖLFLEX® WIRE MS 2.1 1X1 BK	1 mm ²	black	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160301K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 BK	1 mm ²	black	Large Cardboard Box	6,561.68 ft	0.114 in	64.5 lb/10000 ft
4160302	ÖLFLEX® WIRE MS 2.1 1X1 BU	1 mm ²	blue	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft

Article No.	Name	Nominal cross section conductor (mm ²)	Single core color	Single core packaging type	Length per PU	Nominal outer diameter	Copper index
4160302K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 BU	1 mm ²	blue	Large Cardboard Box	6,561.68 ft	0.114 in	64.5 lb/10000 ft
4160303	ÖLFLEX® WIRE MS 2.1 1X1 BN	1 mm ²	brown	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160303K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 BN	1 mm ²	brown	Large Cardboard Box	6,561.68 ft	0.114 in	64.5 lb/10000 ft
4160304	ÖLFLEX® WIRE MS 2.1 1X1 RD	1 mm ²	red	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160304K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 RD	1 mm ²	red	Large Cardboard Box	6,561.68 ft	0.114 in	64.5 lb/10000 ft
4160305	ÖLFLEX® WIRE MS 2.1 1X1 WH	1 mm ²	white	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160305K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 WH	1 mm ²	white	Large Cardboard Box	6,561.68 ft	0.114 in	64.5 lb/10000 ft
4160306	ÖLFLEX® WIRE MS 2.1 1X1 GY	1 mm ²	gray	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160306K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 GY	1 mm ²	gray	Large Cardboard Box	6,561.68 ft	0.114 in	64.51 lb/10000 ft
4160307	ÖLFLEX® WIRE MS 2.1 1X1 VT	1 mm ²	violet	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160308	ÖLFLEX® WIRE MS 2.1 1X1 PK	1 mm ²	pink	Ring	328.084 ft	0.114 in	64.51 lb/10000 ft
4160309	ÖLFLEX® WIRE MS 2.1 1X1 OG	1 mm ²	orange	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160309K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 OG	1 mm ²	orange	Large Cardboard Box	6,561.68 ft	0.114 in	64.51 lb/10000 ft
4160310	ÖLFLEX® WIRE MS 2.1 1X1 YE	1 mm ²	yellow	Ring	328.084 ft	0.114 in	64.51 lb/10000 ft
4160310K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 YE	1 mm ²	yellow	Large Cardboard Box	6,561.68 ft	0.114 in	64.51 lb/10000 ft
4160311	ÖLFLEX® WIRE MS 2.1 1X1 GN	1 mm ²	green	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160314	ÖLFLEX® WIRE MS 2.1 1X1 DBU	1 mm ²	dark blue	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160314K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 DBU	1 mm ²	dark blue	Large Cardboard Box	6,561.68 ft	0.114 in	64.5 lb/10000 ft
4160326	ÖLFLEX® WIRE MS 2.1 1X1 BUWH	1 mm ²	blue/white	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160326K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 BUWH	1 mm ²	blue/white	Large Cardboard Box	6,561.68 ft	0.114 in	64.51 lb/10000 ft
4160344	ÖLFLEX® WIRE MS 2.1 1X1 WHBU	1 mm ²	white/blue	Ring	328.084 ft	0.114 in	64.5 lb/10000 ft
4160344K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1 WHBU	1 mm ²	white/blue	Large Cardboard Box	6,561.68 ft	0.114 in	64.51 lb/10000 ft
4160400	ÖLFLEX® WIRE MS 2.1 1X1,5 GNYE	1.5 mm ²	green/yellow	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160400K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 GNYE	1.5 mm ²	green/yellow	Large Cardboard Box	4,921.26 ft	0.122 in	96.76 lb/10000 ft
4160401	ÖLFLEX® WIRE MS 2.1 1X1,5 BK	1.5 mm ²	black	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160401K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 BK	1.5 mm ²	black	Large Cardboard Box	4,921.26 ft	0.122 in	96.75 lb/10000 ft
4160402	ÖLFLEX® WIRE MS 2.1 1X1,5 BU	1.5 mm ²	blue	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160402K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 BU	1.5 mm ²	blue	Large Cardboard Box	4,921.26 ft	0.122 in	96.75 lb/10000 ft
4160403	ÖLFLEX® WIRE MS 2.1 1X1,5 BN	1.5 mm ²	brown	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft

Article No.	Name	Nominal cross section conductor (mm ²)	Single core color	Single core packaging type	Length per PU	Nominal outer diameter	Copper index
4160403K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 BN	1.5 mm ²	brown	Large Cardboard Box	4,921.26 ft	0.122 in	96.76 lb/10000 ft
4160404	ÖLFLEX® WIRE MS 2.1 1X1,5 RD	1.5 mm ²	red	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160404K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 RD	1.5 mm ²	red	Large Cardboard Box	4,921.26 ft	0.122 in	96.75 lb/10000 ft
4160405	ÖLFLEX® WIRE MS 2.1 1X1,5 WH	1.5 mm ²	white	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160405K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 WH	1.5 mm ²	white	Large Cardboard Box	4,921.26 ft	0.122 in	96.75 lb/10000 ft
4160406	ÖLFLEX® WIRE MS 2.1 1X1,5 GY	1.5 mm ²	gray	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160406K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 GY	1.5 mm ²	gray	Large Cardboard Box	4,921.26 ft	0.122 in	96.76 lb/10000 ft
4160407	ÖLFLEX® WIRE MS 2.1 1X1,5 VT	1.5 mm ²	violet	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160408	ÖLFLEX® WIRE MS 2.1 1X1,5 PK	1.5 mm ²	pink	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160409	ÖLFLEX® WIRE MS 2.1 1X1,5 OG	1.5 mm ²	orange	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160409K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 OG	1.5 mm ²	orange	Large Cardboard Box	4,921.26 ft	0.122 in	96.8 lb/10000 ft
4160410	ÖLFLEX® WIRE MS 2.1 1X1,5 YE	1.5 mm ²	yellow	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160410K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 YE	1.5 mm ²	yellow	Large Cardboard Box	4,921.26 ft	0.122 in	96.76 lb/10000 ft
4160411	ÖLFLEX® WIRE MS 2.1 1X1,5 GN	1.5 mm ²	green	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160414	ÖLFLEX® WIRE MS 2.1 1X1,5 DBU	1.5 mm ²	dark blue	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160414K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 DBU	1.5 mm ²	dark blue	Large Cardboard Box	4,921.26 ft	0.122 in	96.75 lb/10000 ft
4160426	ÖLFLEX® WIRE MS 2.1 1X1,5 BUWH	1.5 mm ²	blue/white	Ring	328.084 ft	0.122 in	96.75 lb/10000 ft
4160426K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 BUWH	1.5 mm ²	blue/white	Large Cardboard Box	4,921.26 ft	0.122 in	96.76 lb/10000 ft
4160444	ÖLFLEX® WIRE MS 2.1 1X1,5 WHBU	1.5 mm ²	white/blue	Ring	328.084 ft	0.122 in	96.8 lb/10000 ft
4160444K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X1,5 WHBU	1.5 mm ²	white/blue	Large Cardboard Box	4,921.26 ft	0.122 in	96.76 lb/10000 ft
4160457	ÖLFLEX® WIRE MS 2.1 1X1,5 WHYE	1.5 mm ²	white/yellow	Ring	328.084 ft	0.122 in	96.76 lb/10000 ft
4160500	ÖLFLEX® WIRE MS 2.1 1X2,5 GNYE	2.5 mm ²	green/yellow	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160500K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 GNYE	2.5 mm ²	green/yellow	Large Cardboard Box	2,952.756 ft	0.146 in	161.3 lb/10000 ft
4160501	ÖLFLEX® WIRE MS 2.1 1X2,5 BK	2.5 mm ²	black	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160501K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 BK	2.5 mm ²	black	Large Cardboard Box	2,952.756 ft	0.146 in	161.25 lb/10000 ft
4160502	ÖLFLEX® WIRE MS 2.1 1X2,5 BU	2.5 mm ²	blue	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160502K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 BU	2.5 mm ²	blue	Large Cardboard Box	2,952.756 ft	0.146 in	161.3 lb/10000 ft
4160503	ÖLFLEX® WIRE MS 2.1 1X2,5 BN	2.5 mm ²	brown	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160503K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 BN	2.5 mm ²	brown	Large Cardboard Box	2,952.756 ft	0.146 in	161.27 lb/10000 ft

Article No.	Name	Nominal cross section conductor (mm ²)	Single core color	Single core packaging type	Length per PU	Nominal outer diameter	Copper index
4160504	ÖLFLEX® WIRE MS 2.1 1X2,5 RD	2.5 mm ²	red	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160504K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 RD	2.5 mm ²	red	Large Cardboard Box	2,952.756 ft	0.146 in	161.25 lb/10000 ft
4160505	ÖLFLEX® WIRE MS 2.1 1X2,5 WH	2.5 mm ²	white	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160505K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 WH	2.5 mm ²	white	Large Cardboard Box	2,952.756 ft	0.146 in	161.26 lb/10000 ft
4160506	ÖLFLEX® WIRE MS 2.1 1X2,5 GY	2.5 mm ²	gray	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160506K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 GY	2.5 mm ²	gray	Large Cardboard Box	2,952.756 ft	0.146 in	161.27 lb/10000 ft
4160507	ÖLFLEX® WIRE MS 2.1 1X2,5 VT	2.5 mm ²	violet	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160509	ÖLFLEX® WIRE MS 2.1 1X2,5 OG	2.5 mm ²	orange	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160509K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 OG	2.5 mm ²	orange	Large Cardboard Box	2,952.756 ft	0.146 in	161.27 lb/10000 ft
4160510	ÖLFLEX® WIRE MS 2.1 1X2,5 YE	2.5 mm ²	yellow	Ring	328.084 ft	0.146 in	161.25 lb/10000 ft
4160510K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 YE	2.5 mm ²	yellow	Large Cardboard Box	2,952.756 ft	0.146 in	161.27 lb/10000 ft
4160511	ÖLFLEX® WIRE MS 2.1 1X2,5 GN	2.5 mm ²	green	Ring	328.084 ft	0.146 in	64.5 lb/10000 ft
4160514	ÖLFLEX® WIRE MS 2.1 1X2,5 DBU	2.5 mm ²	dark blue	Ring	328.084 ft	0.146 in	64.5 lb/10000 ft
4160514K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 DBU	2.5 mm ²	dark blue	Large Cardboard Box	2,952.756 ft	0.146 in	161.25 lb/10000 ft
4160526	ÖLFLEX® WIRE MS 2.1 1X2,5 BUWH	2.5 mm ²	blue/white	Ring	328.084 ft	0.146 in	161.3 lb/10000 ft
4160544	ÖLFLEX® WIRE MS 2.1 1X2,5 WHBU	2.5 mm ²	white/blue	Ring	328.084 ft	0.146 in	161.3 lb/10000 ft
4160544K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X2,5 WHBU	2.5 mm ²	white/blue	Large Cardboard Box	2,952.756 ft	0.146 in	161.3 lb/10000 ft
4160600	ÖLFLEX® WIRE MS 2.1 1X4 GNYE	4 mm ²	green/yellow	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160600K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X4 GNYE	4 mm ²	green/yellow	Large Cardboard Box	1,968.504 ft	0.169 in	258 lb/10000 ft
4160601	ÖLFLEX® WIRE MS 2.1 1X4 BK	4 mm ²	black	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160601K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X4 BK	4 mm ²	black	Large Cardboard Box	1,968.504 ft	0.169 in	258 lb/10000 ft
4160602	ÖLFLEX® WIRE MS 2.1 1X4 BU	4 mm ²	blue	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160602K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X4 BU	4 mm ²	blue	Large Cardboard Box	1,968.504 ft	0.169 in	258 lb/10000 ft
4160603	ÖLFLEX® WIRE MS 2.1 1X4 BN	4 mm ²	brown	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160603K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X4 BN	4 mm ²	brown	Large Cardboard Box	1,968.504 ft	0.169 in	258 lb/10000 ft
4160604	ÖLFLEX® WIRE MS 2.1 1X4 RD	4 mm ²	red	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160604K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X4 RD	4 mm ²	red	Large Cardboard Box	1,968.504 ft	0.169 in	258.04 lb/10000 ft
4160605	ÖLFLEX® WIRE MS 2.1 1X4 WH	4 mm ²	white	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160606	ÖLFLEX® WIRE MS 2.1 1X4 GY	4 mm ²	gray	Ring	328.084 ft	0.169 in	258 lb/10000 ft

Article No.	Name	Nominal cross section conductor (mm ²)	Single core color	Single core packaging type	Length per PU	Nominal outer diameter	Copper index
4160607	ÖLFLEX® WIRE MS 2.1 1X4 VT	4 mm ²	violet	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160609	ÖLFLEX® WIRE MS 2.1 1X4 OG	4 mm ²	orange	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160610	ÖLFLEX® WIRE MS 2.1 1X4 YE	4 mm ²	yellow	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160610K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X4 YE	4 mm ²	yellow	Large Cardboard Box	1,968.504 ft	0.169 in	258.04 lb/10000 ft
4160611	ÖLFLEX® WIRE MS 2.1 1X4 GN	4 mm ²	green	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160614	ÖLFLEX® WIRE MS 2.1 1X4 DBU	4 mm ²	dark blue	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160614K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X4 DBU	4 mm ²	dark blue	Large Cardboard Box	1,968.504 ft	0.169 in	258.04 lb/10000 ft
4160626	ÖLFLEX® WIRE MS 2.1 1X4 BUWH	4 mm ²	blue/white	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160644	ÖLFLEX® WIRE MS 2.1 1X4 WHBU	4 mm ²	white/blue	Ring	328.084 ft	0.169 in	258 lb/10000 ft
4160700	ÖLFLEX® WIRE MS 2.1 1X6 GNYE	6 mm ²	green/yellow	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160700K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X6 GNYE	6 mm ²	green/yellow	Large Cardboard Box	1,312.336 ft	0.189 in	387.05 lb/10000 ft
4160701	ÖLFLEX® WIRE MS 2.1 1X6 BK	6 mm ²	black	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160701K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X6 BK	6 mm ²	black	Large Cardboard Box	1,312.336 ft	0.189 in	387 lb/10000 ft
4160702	ÖLFLEX® WIRE MS 2.1 1X6 BU	6 mm ²	blue	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160702K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X6 BU	6 mm ²	blue	Large Cardboard Box	1,312.336 ft	0.189 in	387 lb/10000 ft
4160703	ÖLFLEX® WIRE MS 2.1 1X6 BN	6 mm ²	brown	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160704	ÖLFLEX® WIRE MS 2.1 1X6 RD	6 mm ²	red	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160704K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X6 RD	6 mm ²	red	Large Cardboard Box	1,312.336 ft	0.189 in	387.05 lb/10000 ft
4160705	ÖLFLEX® WIRE MS 2.1 1X6 WH	6 mm ²	white	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160706	ÖLFLEX® WIRE MS 2.1 1X6 GY	6 mm ²	gray	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160706K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X6 GY	6 mm ²	gray	Large Cardboard Box	1,312.336 ft	0.189 in	387 lb/10000 ft
4160707	ÖLFLEX® WIRE MS 2.1 1X6 VT	6 mm ²	violet	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160709	ÖLFLEX® WIRE MS 2.1 1X6 OG	6 mm ²	orange	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160709K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X6 OG	6 mm ²	orange	Large Cardboard Box	1,312.336 ft	0.189 in	387.05 lb/10000 ft
4160710	ÖLFLEX® WIRE MS 2.1 1X6 YE	6 mm ²	yellow	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160711	ÖLFLEX® WIRE MS 2.1 1X6 GN	6 mm ²	green	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160714	ÖLFLEX® WIRE MS 2.1 1X6 DBU	6 mm ²	dark blue	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160714K	ÖLFLEX® WIRE MS 2.1 EMBOSS 1X6 DBU	6 mm ²	dark blue	Large Cardboard Box	1,312.336 ft	0.189 in	387.05 lb/10000 ft
4160726	ÖLFLEX® WIRE MS 2.1 1X6 BUWH	6 mm ²	blue/white	Ring	328.084 ft	0.189 in	387 lb/10000 ft

Article No.	Name	Nominal cross section conductor (mm ²)	Single core color	Single core packaging type	Length per PU	Nominal outer diameter	Copper index
4160744	ÖLFLEX® WIRE MS 2.1 1X6 WHBU	6 mm ²	white/blue	Ring	328.084 ft	0.189 in	387 lb/10000 ft
4160800	ÖLFLEX® WIRE MS 2.1 1X10 GNYE	10 mm ²	green/yellow	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160801	ÖLFLEX® WIRE MS 2.1 1X10 BK	10 mm ²	black	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160802	ÖLFLEX® WIRE MS 2.1 1X10 BU	10 mm ²	blue	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160803	ÖLFLEX® WIRE MS 2.1 1X10 BN	10 mm ²	brown	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160804	ÖLFLEX® WIRE MS 2.1 1X10 RD	10 mm ²	red	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160805	ÖLFLEX® WIRE MS 2.1 1X10 WH	10 mm ²	white	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160806	ÖLFLEX® WIRE MS 2.1 1X10 GY	10 mm ²	gray	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160809	ÖLFLEX® WIRE MS 2.1 1X10 OG	10 mm ²	orange	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160810	ÖLFLEX® WIRE MS 2.1 1X10 YE	10 mm ²	yellow	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160811	ÖLFLEX® WIRE MS 2.1 1X10 GN	10 mm ²	green	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160814	ÖLFLEX® WIRE MS 2.1 1X10 DBU	10 mm ²	dark blue	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160826	ÖLFLEX® WIRE MS 2.1 1X10 BUWH	10 mm ²	blue/white	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160844	ÖLFLEX® WIRE MS 2.1 1X10 WHBU	10 mm ²	white/blue	Ring	328.084 ft	0.256 in	645 lb/10000 ft
4160900	ÖLFLEX® WIRE MS 2.1 1X16 GNYE	16 mm ²	green/yellow	Ring	328.084 ft	0.339 in	1032.03 lb/10000 ft
4160901	ÖLFLEX® WIRE MS 2.1 1X16 BK	16 mm ²	black	Ring	328.084 ft	0.339 in	1032.03 lb/10000 ft
4160902	ÖLFLEX® WIRE MS 2.1 1X16 BU	16 mm ²	blue	Ring	328.084 ft	0.339 in	1032.03 lb/10000 ft
4160903	ÖLFLEX® WIRE MS 2.1 1X16 BN	16 mm ²	brown	Ring	328.084 ft	0.339 in	1032.03 lb/10000 ft
4160904	ÖLFLEX® WIRE MS 2.1 1X16 RD	16 mm ²	red	Ring	328.084 ft	0.339 in	1032.03 lb/10000 ft
4160905	ÖLFLEX® WIRE MS 2.1 1X16 WH	16 mm ²	white	Ring	328.084 ft	0.339 in	1032.03 lb/10000 ft
4160906	ÖLFLEX® WIRE MS 2.1 1X16 GY	16 mm ²	gray	Ring	328.084 ft	0.339 in	1032.03 lb/10000 ft
4160909	ÖLFLEX® WIRE MS 2.1 1X16 OG	16 mm ²	orange	Ring	328.084 ft	0.339 in	1032 lb/10000 ft
4160910	ÖLFLEX® WIRE MS 2.1 1X16 YE	16 mm ²	yellow	Ring	328.084 ft	0.339 in	1032 lb/10000 ft
4160911	ÖLFLEX® WIRE MS 2.1 1X16 GN	16 mm ²	green	Ring	328.084 ft	0.339 in	1032.03 lb/10000 ft
4160914	ÖLFLEX® WIRE MS 2.1 1X16 DBU	16 mm ²	dark blue	Ring	328.084 ft	0.339 in	1032 lb/10000 ft
4161000	ÖLFLEX® WIRE MS 2.1 1X25 GNYE	25 mm ²	green/yellow	Ring	328.084 ft	0.386 in	1612.56 lb/10000 ft
4161001	ÖLFLEX® WIRE MS 2.1 1X25 BK	25 mm ²	black	Ring	328.084 ft	0.386 in	1612.56 lb/10000 ft
4161002	ÖLFLEX® WIRE MS 2.1 1X25 BU	25 mm ²	blue	Ring	328.084 ft	0.386 in	1612.56 lb/10000 ft
4161003	ÖLFLEX® WIRE MS 2.1 1X25 BN	25 mm ²	brown	Ring	328.084 ft	0.386 in	1612.56 lb/10000 ft

Article No.	Name	Nominal cross section conductor (mm ²)	Single core color	Single core packaging type	Length per PU	Nominal outer diameter	Copper index
4161004	ÖLFLEX® WIRE MS 2.1 1X25 RD	25 mm ²	red	Ring	328.084 ft	0.386 in	1612.56 lb/10000 ft
4161005	ÖLFLEX® WIRE MS 2.1 1X25 WH	25 mm ²	white	Ring	328.084 ft	0.386 in	1612.6 lb/10000 ft
4161006	ÖLFLEX® WIRE MS 2.1 1X25 GY	25 mm ²	gray	Ring	328.084 ft	0.386 in	1612.56 lb/10000 ft
4161009	ÖLFLEX® WIRE MS 2.1 1X25 OG	25 mm ²	orange	Ring	328.084 ft	0.386 in	1612.6 lb/10000 ft
4161010	ÖLFLEX® WIRE MS 2.1 1X25 YE	25 mm ²	yellow	Ring	328.084 ft	0.386 in	1612.6 lb/10000 ft
4161011	ÖLFLEX® WIRE MS 2.1 1X25 GN	25 mm ²	green	Ring	328.084 ft	0.386 in	1612.56 lb/10000 ft
4161100	ÖLFLEX® WIRE MS 2.1 1X35 GNYE	35 mm ²	green/yellow	Ring	328.084 ft	0.445 in	2257.6 lb/10000 ft
4161101	ÖLFLEX® WIRE MS 2.1 1X35 BK	35 mm ²	black	Ring	328.084 ft	0.445 in	2257.6 lb/10000 ft
4161102	ÖLFLEX® WIRE MS 2.1 1X35 BU	35 mm ²	blue	Ring	328.084 ft	0.445 in	2257.6 lb/10000 ft
4161104	ÖLFLEX® WIRE MS 2.1 1X35 RD	35 mm ²	red	Ring	328.084 ft	0.445 in	2257.6 lb/10000 ft
4161105	ÖLFLEX® WIRE MS 2.1 1X35 WH	35 mm ²	white	Ring	328.084 ft	0.445 in	2257.6 lb/10000 ft
4161106	ÖLFLEX® WIRE MS 2.1 1X35 GY	35 mm ²	gray	Ring	328.084 ft	0.445 in	2257.6 lb/10000 ft
4161111	ÖLFLEX® WIRE MS 2.1 1X35 GN	35 mm ²	green	Ring	328.084 ft	0.445 in	2257.6 lb/10000 ft
4161200	ÖLFLEX® WIRE MS 2.1 1X50 GNYE	50 mm ²	green/yellow	Ring	328.084 ft	0.531 in	3225.1 lb/10000 ft
4161201	ÖLFLEX® WIRE MS 2.1 1X50 BK	50 mm ²	black	Ring	328.084 ft	0.531 in	3225.1 lb/10000 ft
4161202	ÖLFLEX® WIRE MS 2.1 1X50 BU	50 mm ²	blue	Ring	328.084 ft	0.531 in	3225.1 lb/10000 ft
4161211	ÖLFLEX® WIRE MS 2.1 1X50 GN	50 mm ²	green	Ring	328.084 ft	0.531 in	3225.1 lb/10000 ft
4161300	ÖLFLEX® WIRE MS 2.1 1X70 GNYE	70 mm ²	green/yellow	Ring	328.084 ft	0.614 in	4515.16 lb/10000 ft
4161301	ÖLFLEX® WIRE MS 2.1 1X70 BK	70 mm ²	black	Ring	328.084 ft	0.614 in	4515.16 lb/10000 ft
4161400	ÖLFLEX® WIRE MS 2.1 1X95 GNYE	95 mm ²	green/yellow	Ring	328.084 ft	0.701 in	6127.72 lb/10000 ft
4161401	ÖLFLEX® WIRE MS 2.1 1X95 BK	95 mm ²	black	Ring	328.084 ft	0.701 in	6127.72 lb/10000 ft
4161402	ÖLFLEX® WIRE MS 2.1 1X95 BU	95 mm ²	blue	Ring	328.084 ft	0.701 in	6127.7 lb/10000 ft
4161500	ÖLFLEX® WIRE MS 2.1 1X120 GNYE	120 mm ²	green/yellow	Ring	328.084 ft	0.764 in	7740.3 lb/10000 ft
4161501	ÖLFLEX® WIRE MS 2.1 1X120 BK	120 mm ²	black	Ring	328.084 ft	0.764 in	7740.3 lb/10000 ft
4161502	ÖLFLEX® WIRE MS 2.1 1X120 BU	120 mm ²	blue	Ring	328.084 ft	0.764 in	7740.3 lb/10000 ft

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