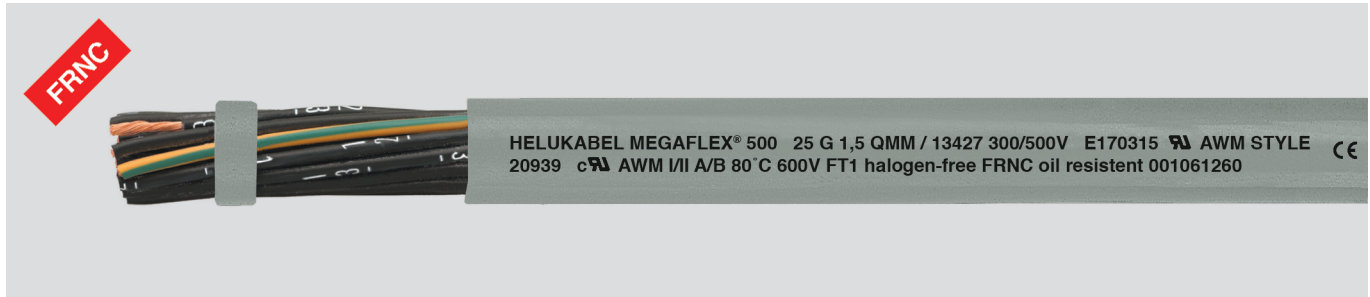


# MEGAFLEX® 500

halogen-free, flame retardant, oil resistant, UV resistant, flexible, meter marking



## Technical data

- Halogen-free flexible cable adapted to  
DIN VDE 0285-525-3-11 /  
DIN EN 50525-3-11,  
to UL Style 20939, UL Std.758
- **Temperature range**  
flexing -30°C to +80°C  
fixed installation -40°C to +80°C
- **Nominal voltage**  
U<sub>0</sub>/U 300/500 V  
UL/CSA 600 V
- **Test voltage**  
3000 V
- **Minimum bending radius**  
flexing 10x cable Ø  
fixed installation 4x cable Ø
- **Flexibility**  
Alternate bending test acc. to  
DIN VDE 0473-396 / DIN EN 50396

## Cable structure

- Bare copper conductor,  
fine wire acc. to  
DIN VDE 0295 cl.5 / IEC 60228 cl.5
- Core insulation of halogen-free  
special polymer
- Core identification to DIN VDE 0293  
black cores with continuous white  
numbering
- GN-YE conductor, 3 cores and above  
in the outer layer
- Cores stranded in layers with  
optimal lay length
- Outer sheath of halogen-free  
special polymer
- Sheath colour: grey (RAL 7001)
- With meter marking
- **LSOH** = Low Smoke Zero Halogen

## Note

- G = with GN-YE conductor  
x = without GN-YE conductor (OZ)
- The conductor is metrically constructed  
(mm<sup>2</sup>). The AWG designation is  
approximate and purely informative.
- Screened analogue type:  
**MEGAFLEX® 500-C**

## Properties

- Highly flame retardant
- Resistant to oils and greases
- Resistant to UV and weathering
- Hydrolysis resistant
- Flexible, abrasion- and wear-resistant
- Ozone-resistant
- The materials used during manufacturing  
are cadmium-free, contain no silicone  
and are free from substances harmful  
to the wetting properties of lacquers

## Tests

- Flame test acc. to  
DIN VDE 0482-332-3-24 /  
DIN EN 60332-3-24 / IEC 60332-3-24
- Flame retardant acc. to  
DIN VDE 0482-332-1-2 /  
DIN EN 60332-1-2 / IEC 60332-1-2 /  
CSA FT1
- Toxicity of combustion gases  
acc. to NF X 70-100
- Halogen-free acc. to  
DIN VDE 0482-754-1 /  
DIN EN 60754-1 / IEC 60754-1
- Smoke density acc. to  
DIN VDE 0482-1034-1+2 /  
DIN EN 61034-1+2 / IEC 61034-1+2
- Oil resistant acc. to  
DIN VDE 0473-811-404/DIN EN 60811-404
- Hydrolysis resistant acc. to  
DIN EN 61234-1
- Ozone resistant acc. to  
DIN VDE 0473-811-403/DIN EN 60811-403

## Application

For fixed installation or flexible applications with non-recurring free movement, without forced movement control and without tensile load. Can withstand severe mechanical stress in dry or damp/ wet rooms and outdoors. Can be used as a connecting and control cable in: machine and plant construction, HVAC technology, warehousing and materials handling technology, shipbuilding, the renewable energy sector such as wind turbine construction, and more.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cross-sec. mm <sup>2</sup>	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
13344	2 x 0,5	20	5,0	9,6	43,0
13345	3 G 0,5	20	5,3	14,4	50,0
13346	3 x 0,5	20	5,3	14,4	50,0
13347	4 G 0,5	20	5,7	19,0	60,0
13348	4 x 0,5	20	5,7	19,0	60,0
13349	5 G 0,5	20	6,2	24,0	71,0
13350	5 x 0,5	20	6,2	24,0	71,0
13351	7 G 0,5	20	7,4	33,6	84,0

Part no.	No. cores x cross-sec. mm <sup>2</sup>	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
13352	8 G 0,5	20	8,0	38,0	101,0
13353	10 G 0,5	20	8,8	48,0	121,0
13354	12 G 0,5	20	9,1	58,0	142,0
13355	16 G 0,5	20	10,0	76,0	183,0
13356	18 G 0,5	20	10,7	86,0	204,0
13357	20 G 0,5	20	11,2	96,0	227,0
13359	25 G 0,5	20	12,7	120,0	283,0
13360	30 G 0,5	20	13,5	144,0	324,0

Continuation ▶



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Ribbon Cables / IDC Cables](#) category:*

*Click to view products by [Helukabel](#) manufacturer:*

Other Similar products are found below :

[FSK-12A](#) [AWG28-10G](#) [EHJ3C](#) [EHJ4C](#) [FSP-25A](#) [cab-LVDV-DAT-34-15](#) [49635-C62-S2](#) [1-3636-600-5204](#) [92315-1408](#) [426171120-3](#) [2-1589735-3](#) [JSM015PP2DCC23N](#) [92301-0283](#) [ACL-eSSI-2](#) [92301-0718](#) [MMSDT-06-20-S-05.5-D-K-LDX](#) [IDD-04-G](#) [IDD-25-G](#) [NM-2J2-051-PS1-JJAB](#) [1700/26SF \(100FT\)](#) [1700/34SF \(100FT\)](#) [3801/09 \(100FT\)](#) [S30109](#) [96053-0000-00-0](#) [NM-2J2-065-SS1-JJ00-272](#) [7940098862](#) [IDMD-13-D-07.87](#) [166466](#) [TCMD-07-01](#) [HQCD-030-40.00-TTL-SBL-1-N](#) [HDR-201768-01-PCIEC](#) [DS1052-082B2NA201501](#) [DS1052-102B2NA201501](#) [DS1052-122B2MA201501](#) [DS1052-122B2NA201501](#) [DS1052-262B2NA201501](#) [DS1052-302B2MA201501](#) [DS1052-302B2MA203001](#) [DS1052-302B2MA206001](#) [DS1052-302B2NA201501](#) [DS1052-302B2NA203001](#) [DS1052-302B2NA206001](#) [DS1052-342B2MA201501](#) [DS1052-342B2MA203001](#) [DS1052-342B2NA201501](#) [DS1052-342B2NA203001](#) [DS1052-342B2NA206001](#) [DS1052-402B2MA201501](#) [DS1052-402B2MA203001](#) [DS1052-402B2MA206001](#)