



Application

feed cable for load lifting devices such as spreader with high mechanical stress only in vertical basket operation in dry, humid and wet rooms and for outdoor use.

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- free from lacquer damaging substances and silicone (during production)
- lead ball cords for improved basket operation

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- conform to 2006/95/EC-Guideline CE
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Structure & Specifications

conductor material	bare copper strand
conductor class	acc. to DIN VDE 0295 class 5/6 resp. IEC 60228 class 5/6
core insulation	PVC
core identification	black with white numerals with GNYE
stranding	cores laid-up in bundles
supporting element	Aramid threads woven round lead ball cords, arranged centrally
outer sheath	PUR
sheath colour	black
printing	yes
rated voltage	Uo/U: 300/500 V
testing voltage	2 kV
current carrying capacity	acc. to DIN VDE, see Technical Guideline
min. bending radius fixed	acc. to DIN VDE 0298 part 3
min. bending radius moved	acc. to DIN VDE 0298 part 3
operat. temp. fixed min/max	-20 °C / +60 °C
operat. temp. moved min/max	-20 °C / +60 °C
temp. at conductor	+70 °C
standard	similar to DIN VDE 0250

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dimension n x mm ² dimension n x mm ²	outer Ø mm outer Ø mm	copper weight kg/km copper weight kg/km	weight kg/km weight kg/km
48 X 1	34,6	461,0	2.250,0
30 X 2,5	34,6	720,0	2.360,0
36 X 2,5	38,1	864,0	2.800,0
42 X 2,5	40,5	1.008,0	3.530,0
20 X 3,5	33,3	673,0	2.000,0
24 X 3,5	35,0	807,0	2.510,0
30 X 3,5	37,9	1.008,0	2.970,0
36 X 3,5	41,9	1.210,0	3.950,0
42 X 3,5	46,4	1.411,0	5.020,0

dimension n x mm ² dimension n x mm ²	outer Ø mm outer Ø mm	copper weight kg/km copper weight kg/km	weight kg/km weight kg/km
32 X 3,5 + 4 X 1LWL	41,9	1.076,0	3.750,0