

Screened drag chain cable RONDOFLEX[®] (Chain) (N)GRDCGOEU

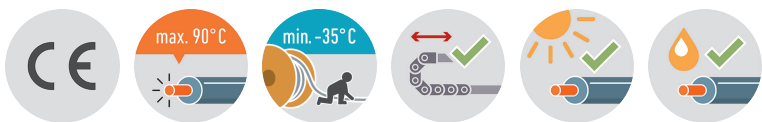


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Application: Screened drag chain cable for constant movement of outdoor crane systems and with specific EMC (electromagnetic compatibility) requirements. The cable is especially designed for long travels distances at high travel speed. Please pay attention to our instructions for the use of drag chain cables on our website.

Construction and technical data:

Standard:	DIN VDE 0250-814 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	rubber 3GI3
Material inner sheath:	EPR
Screen:	tinned copper braid
Screen coverage:	80 %
Sheathing material:	EVA
Colour of outer sheath:	black
UV-resistant:	yes
Oil-resistant:	EN 60811-404
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-50 - +80 °C
Permitted outer cable temperature, moved, °C:	-35 - +80 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	5 x Ø
Maximum tensile strength at the conductor:	15 N/mm ²
Operating speed drag chain, m/min.:	240



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

RONDOFLEX[®] (Chain) (N)GRDCGOEU-O**Nominal voltage U_o:** 0.6 kV**Nominal voltage U:** 1 kV**Maximum permitted operating voltage in** 1.2 kV**three-phase systems:****Test voltage:** 3.5 kV

part no.	part name	RI [Ohm/km]	I _{bl} [A]	I _k [kA]	Ø [mm]	F _{zv} [N]	Cu	G [kg]
053274	24x1.5	13.3	23	0.21	20.8	540	519	770
054934	1X70	0.272	250	10.1	20.7	1050	870	1037
052494	1X95	0.206	301	13.59	22.8	1420	1113	1280

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part no.	part name	RI [Ohm/km]	I _{bl} [A]	I _k [kA]	Ø [mm]	F _{zv} [N]	Cu	G [kg]
053181	3x50+3x25/3	0.386	202	7.15	37.9	2250	2156	3176
053178	3X70 + 3G10	0.272	250	10.01	42.8	3150	2885	4215

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
I _k	Short-circuit current (1 s)
Ø	outer diameter approx.
F _{zv}	Tensile strength (during installation)
Cu	Copper weight (GER)
G	net weight per 1000