

Drag chain cable

RONDOFLEX[®] (Chain) (N)GRDGOEU



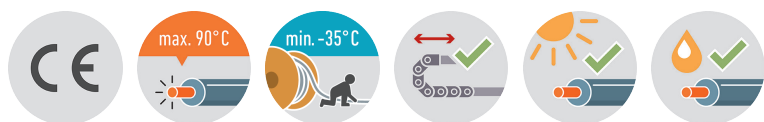
DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Drag chain cable for constant movement of outdoor crane systems. 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.

Remark on REACH: The following substances from the REACH candidate list are used for all products on this datasheet with a proportion of more than 0.1 %: Medium-chain chlorinated paraffins (MCCP)

Construction and technical data:

Standard:	VDE 0250-814 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	rubber (EPR) 3GI3
Material inner sheath:	EPR
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
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)GRDGOEU-O

Nominal voltage U_o:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	3.5 kV
Protective conductor:	no

part no.	part name	RI [Ohm/km]	I _{bl} [A]	I _k [kA]	R _{bb} [mm]	Ø [mm]	Cu	G [kg]
053020	01X50	0.386	202	7.15	89	15.9	480	628
053025	06X(2X1)C	19.5	18	0.14	147	29.3	428	1196

RONDOFLEX[®] (Chain) (N)GRDGOEU-J

Nominal voltage U_o:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	3.5 kV
Protective conductor:	yes

part no.	part name	RI [Ohm/km]	I _{bl} [A]	I _k [kA]	R _{bb} [mm]	Ø [mm]	Cu	G [kg]
053021	07X2,5	7.98	30	0.36	67	14.6	168	369
053022	18X2,5	7.98	30	0.36	108	21.5	432	789
053023	04X25	0.78	131	3.58	148	29.5	960	1702
053351	04x(2x0,5)C	39	10		105	21	239	566
053024	03X50 + 03X25/3	0.386	202	7.15	190	34.5	1680	2648

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
I _k	Short-circuit current (1 s)
R _{bb}	Bending radius, moving application
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000