

# Spreader basket cable TRATOSCOILFLEX®



**Application:** As supply cable for heavy mechanical load in vertically basket operation, indoors and outdoors. The cable is resistant to ozone, UV-rays and dampness.

## Construction and technical data:

<b>Conductor material:</b>	tinned copper
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	basic EPR
<b>Self-supporting element:</b>	Kevlar®
<b>Sheathing material:</b>	rubber (CR) 5GM3
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Max. temperature at conductor, °C:</b>	90 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +80 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-30 - +80 °C
<b>Bending radius, moving application:</b>	15 x Ø
<b>Operating speed:</b>	160 m/min.



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.

## TRATOSCOILFLEX®

<b>Nominal voltage U<sub>0</sub>:</b>	300 V
<b>Nominal voltage U:</b>	500 V
<b>Test voltage:</b>	2 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Fzp [N]	Cu	G [kg]
051875	36X2.5/14 AWG BK	8.21	41.6	4000	864	2600
051876	48X2.5/14 AWG BK	8.21	48.8	4000	1152	3700
051877	54X2.5/14 AWG BK	8.21	52	4000	1296	4100
053596	36x3.3/12 AWG BK	6.11	46.6	4000	1141	3470

RI	Conductor resistance
Ø	outer diameter approx.
Fzp	Tensile strength (permanent)
Cu	Copper weight (GER)
G	net weight per 1000