Spreaderflex®
SYSLTOE FO for basket application

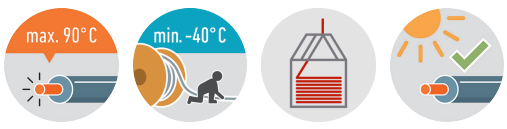
DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: As supplay cable for heavy mechanical load in vertically basket operation, indoors and outdoors. The cable is resistant to ozone, UV-rays and dampness. Suspension lengths of up to 50 m are possible.

Cable must be laid into the basket in a counter-clockwise direction!

Construction and technical data:

Standard:	DIN VDE 0250 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	class „FS“ = exceptionally fine stranded
Insulation:	thermoplastic
Self-supporting element:	aramid-fibre-braid around lead ball cords
Sheathing material:	polyurethan
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:	-40 - +80 °C
Bending radius, moving application:	45 x Ø
Maximum tensile strength at the conductor:	15 N/mm²
Operating speed:	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.

Spreaderflex® SYSLTOE-J FO

Nominal voltage Uo: 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

Core identification: green-yellow + numbers

part no.	part name	Rl [Ohm/km]	Ibl [A]	Ik [kA]	Ø [mm]	Cu	G [kg]
053309	18x2,5 + 6 E9/125	7.98	30	0.36	32.1	432	1700
053310	18x2,5 + 6G50/125	7.98	30	0.36	32.1	432	1673
053311	18x2.5 + 6G62.5/125	7.98	30	0.36	32.1	432	1700
054730	24x2.5 + 12E9/125	7.98	30	0.36	34.1	576	2175
054731	24x2.5 + 12G50/125	7.98	30	0.36	34.1	576	2175
054732	24x2.5 + 12G62.5/125	7.98	30	0.36	34.1	576	2175
054331	30x2.5 + 6 E9/125	7.98	30	0.36	37.5	720	2724
054332	30x2.5 + 6G50/125	7.98	30	0.36	37.5	720	2724
054333	30x2.5 + 6G62.5/125	7.98	30	0.36	37.5	720	2724
053462	36x2.5 + 6 E9/125	7.98	30	0.36	39.8	864	3519
053453	36x2.5 + 12 E9/125	7.98	30	0.36	39.8	864	3520
053463	36x2.5 + 6G50/125	7.98	30	0.36	39.8	864	3519
053454	36x2.5 + 12G50/125	7.98	30	0.36	39.8	864	3520
053464	36x2.5 + 6G62.5/125	7.98	30	0.36	39.8	864	3519
053455	36x2.5 + 12G62.5/125	7.98	30	0.36	39.8	864	3520
053520	42x2.5 + 12 E9/125	7.98	30	0.36	44.3	1008	4087
053521	42x2.5 + 12G50/125	7.98	30	0.36	44.3	1008	4087
053522	42x2.5 + 12G62.5/125	7.98	30	0.36	44.3	1008	4087
053713	48x2.5 + 12 E9/125	7.98	30	0.36	48.5	1152	3937
053714	48X2.5 + 12G50/125	7.98	30	0.36	48.5	1152	3937
053715	48X2.5 + 12G62.5/125	7.98	30	0.36	48.5	1152	3937
053901	48x2.5 + 18 E9/125	7.98	30	0.36	48.5	1152	3938
053902	48x2.5 + 18G50/125	7.98	30	0.36	48.5	1152	3938
053903	48x2.5 + 18G62.5/125	7.98	30	0.36	48.5	1152	3938

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ik	Short-circuit current (1 s)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000