

Spreaderflex®

3GSLTOE for basket application



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. Suspension lengths of up to 50 m are possible.

Construction and technical data:

Standard:	DIN VDE 0250 (with reference to)
Conductor material:	copper, bare
Conductor construction:	class „FS“ = exceptionally fine stranded
Insulation:	rubber (EPR) 3GI3
Stranding:	Bundle
Screen over strand:	tinned copper braid
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 - +90 °C
Permitted outer cable temperature, moved, °C:	-40 - +90 °C
Bending radius, moving application:	45 x Ø
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.

Nominal voltage U_o:	0.6 kV
Nominal voltage U:	1 kV
Test voltage:	3.5 kV
Core identification:	green-yellow + numbers

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu [kg/km]	G [kg]
052242	24X2.5 + 6 E9 FO BK	7.98	30	30.1	576	2245
053086	24X2.5 + 6G50 LWL BK	7.98	30	34.1	576	2283
052442	24X2.5 + 6G62,5 FO BK	7.98	30	34.1	576	2284
052443	30X2.5 + 6G50 FO BK	7.98	30	37.5	720	2849
052395	36X2.5 + 6G62.5 FO BK	7.98	30	39.8	864	3543
052435	36X2.5 + 6X(2G62.5 FO) BK	7.98	30	39.8	864	3626
052439	48X1 BK	19.5	18	34.1	461	2526
053127	24x2.5 BK	7.98	30	32.1	576	1860
052243	30X2.5 BK	7.98	30	34.1	720	2358
052167	36X2.5 BK	7.98	30	37.5	864	2911
052394	42X2.5 BK	7.98	30	39.8	1008	3661
052423	48X2.5 BK	7.98	30	44.3	1152	4237
052264	54X2.5 BK	7.98	30	48.5	1296	4090
052219	36X3.5 BK	5.55	39	37.5	1210	3918
052836	42X3.5 SW	5.55	39	45.4	1488	4815
052276	07X4 BK	4.95	41	20.1	269	690

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000