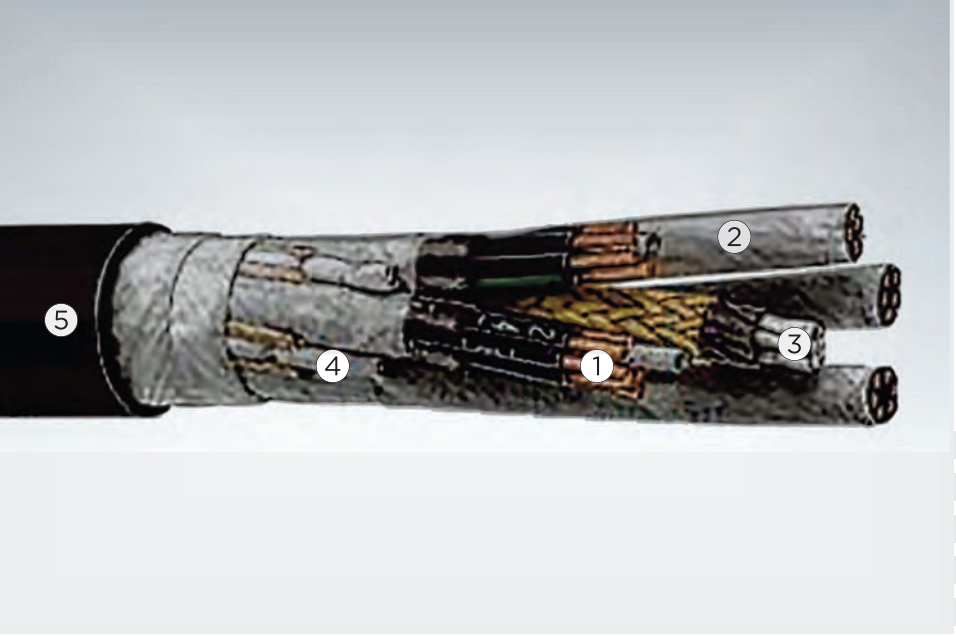
SPREADERFLEX YSLTO

PVC/PUR 'Spreader'cable

Application
Spreaderflex YSLTO is a special cable deigned for load lifting devices such as spreader frames, it is suitable for very high mechanical stresses in a vertical basket operationin dry, humid and wet rooms and for outdoor applications.

Construction	
Conductor :	Fine stranded plain copper according to VDE 0295 Class 5/6
Insulation:	PVC
Core colour :	Black with white numbers with green/yellow earth
Core Arrangement :	Cores laid up in bundles
Support element :	Aramid threads woven around lead ball cords, arranged centrally
Outer sheath :	Polyurethane (PUR)
Sheath colour :	Black
Imprint :	Spreaderflex 300/500V
Working Environment	
Maximum operating temperature in fixed application :	–20 deg C –+ 60 deg C
Maximum operating temperature in mobile application :	–20 deg C –+ 60 deg C
Maximum temperature at conductor :	+70 deg C
Environment :	suitable for use in dry, humid & wet areas
Electrical properties	
Nominal voltage :	300/500 V
Test Voltage :	2000 V
Conductor resistance :	In accordance with IEC 228 class 5
Additional information	
Minimum bending radius :	In accordance with VDE 0298 part 3
Tensile strength :	Max. 20 N/mm2
Operating Speed :	120 m/min (please enquire for higher operating speeds)
Applied Standards	According to DIN VDE 0250

We reserve the right to amend all technical details without prior notification



1. Copper conductor
2. PVC Insulation
3. Supporting Element
4. Lead ball cords
5. PUR outer sheath

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Part No	Cross Section mm2	Current Rating @ 30 Deg	CU Number kg/km	Outer diameter approx. (mm)	Weight kg/km
08044 0100 48	48 G 1	16A	461.0	34.6	2250
08044 0250 30	30 G 2.5	26A	720.0	34.6	2360
08044 0250 36	36 G 2.5	26A	864.0	38.1	2800
08044 0250 42	42 G 2.5	26A	1008.0	40.5	3530
08044 0350 20	20 G 3.5	31A	673.0	33.3	2000
08044 0350 24	24 G 3.5	31A	807.0	35.0	2510
08044 0350 30	30 G 3.5	31A	1008.0	37.9	2970
08044 0350 36	36 G 3.5	31A	1210.0	41.9	3950
08044 0350 42	42 G 3.5	31A	1411.0	46.4	5020
08044 0350 32 XX	32 G 3.5 + 4 x 1LWL	31A	1076.0	41.9	3750

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