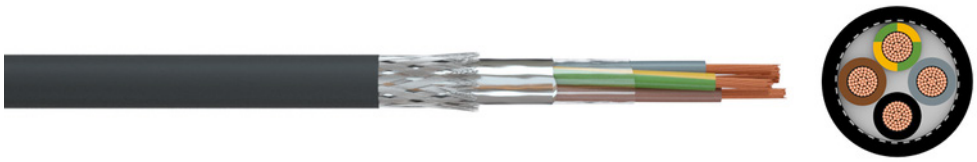
Motor cable for frequency converters
2XSL(St)CYv



Application: The cable has been developed for connecting motors to inverse rectifiers under consideration of EMC-requirements. It may be used under medium mechanical stress for fixed installations and temporary movement. Also for outdoor installation, but not for direct burial. The cable is resistant to most usual oil and grease.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	XLPE
Core wrapping:	plastic foil
Screen:	aluminium foil + tinned copper braid
Screen coverage:	75 %
Sheathing material:	PVC, enforced
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	EN 60811-404
For outdoor use:	yes
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	10 x Ø
Bending radius, moving application:	20 x Ø
Transfer impedance:	250 Ohm/km

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.

2XSL(St)CYv-JB

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 kV

Protective conductor: yes

Core identification: colours acc. to VDE 0293 (HD308)

part no.	part name	Rl [Ohm/km]	Ibl [A]	Ø [mm]	Cu [kg/km]	G [kg]
034456	04X2.5	7.98	32	11.2	150	270
034458	04X6	3.3	54	15.2	320	582
034465	03X95 + 3G16	0.206	300	39.3	3953	4492

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000

