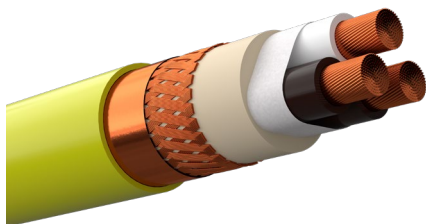


TEXILine Power VFD EMC 1,8/3kV (RXZ-HF) (Lapped inner covering)



Applications:

DNV-approved EMC screened flexible power cable 3kV for fixed installations to variable frequency drive and inverter systems, for indoor and outdoor use. TEXILine Power VFD EMC has a braided copper screen with a lapping helical Cu foil over the braid providing 100% coverage in terms of EMC protection. The phase conductors have thicker insulation walls to ensure a long operational life of the cable when installed in VFD system. TEXILine Power has flexible copper conductors in accordance with IEC 60228 Class 5 to make installation and connection easy. Suitable for narrow spaces and use under the most challenging conditions in marine and offshore environments.

Properties:

Temperature range -30°C to +90°C
Voltage Rating U₀/U 1,8/3kV

Standards:

Conductor IEC 60228-5
Construction IEC 60092-350
Flame retardant IEC 60332-1-2
Flame retardant IEC 60332-3-22
Halogen free IEC 60754-1, -2
Smoke density IEC 61034-1, -2
Test voltage 6,5kV
RoHS Directive Yes
Approval TAE00002X9

Construction

Conductor	Flexible copper conductor class 5
Insulation	XLPE
Multi core identification	Brown, black, white
Filler	SHF1 compound extruded fillers
Inner sheath	Lapped inner covering (Extruded Halogen free inner sheath on request)
Screen	Cu wire braid and Cu/PET foil
Outer sheath	Halogen free, flame retardant SHF1 compound
Outer sheath colour	Yellow or customer choice
Marking	TEXILine Power VFD EMC AMOKABEL RXZ-HF -size-mm ² IEC 60092-353 - IEC 60332-3-22-DNVGL 1,8/3kV-YY/WW + meter marking
Minimum bending radius fixed installation	6xOD

Type Code	Nom. outer diameter	Approx. Weight	Current rating ambient temp 45°C
	[mm]	[kg/km]	[A]
TEXILine Power VFD EMC 3x16	23,8	949	67
TEXILine Power VFD EMC 3x25	27,4	1330	89
TEXILine Power VFD EMC 3x35	30,5	1712	110
TEXILine Power VFD EMC 3x50	33,2	2225	137
TEXILine Power VFD EMC 3x70	39,5	3099	169
TEXILine Power VFD EMC 3x95	42,0	3892	205
TEXILine Power VFD EMC 3x120	47,1	4818	237
TEXILine Power VFD EMC 3x150	51,5	5874	272
TEXILine Power VFD EMC 3x185	55,0	7010	311
TEXILine Power VFD EMC 3x240	62,4	8930	365