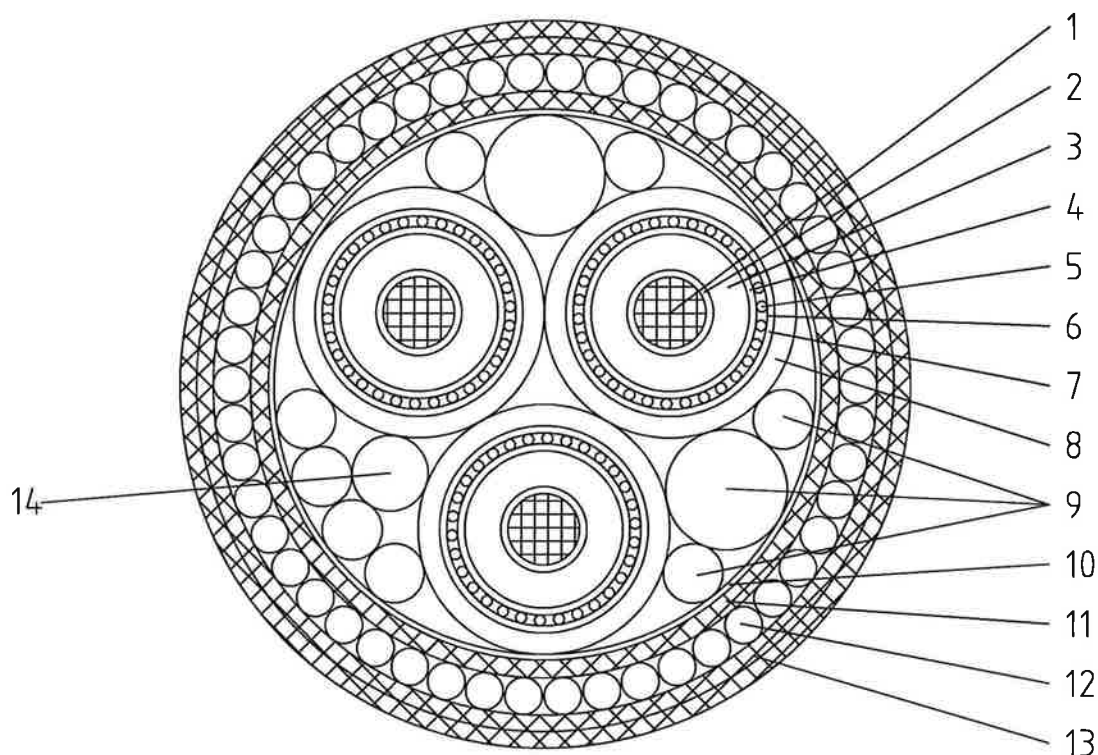


Document type:						
B	CABLE					
B.1	DESIGN DRAWINGS, DATA SHEETS					
Project: West of Duddon Sands Offshore Wind Farm 34 kV Submarine Cable Supply			Nexans document number: 11.31.016-B.1-002		Issue: AB1	
Document title: Cable Drawing 3x1x500 mm² - drum			Pages: 03 including this cover sheet excluding attachments		Category: EXT	
Scope: This document contains the drawings / data for the above mentioned cable.						
AB1	11.04.2014	Issued for As Built	PW / EWPP	EWPP	TM	PW
Issue:	Date:	Document Status:	Prepared:	Checked:	Approved:	Released:
Company:  			Company's contract no.: 48 0000 7001 Array Cables / WDS			
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Revision Description Sheet

Rev.	Para.	Revision Description
AB1		Issued for Final Documentation



No. No. No. Nr.	Designation Désignation Característica Bezeichnung	Material Matériaux Material Material	Measurements Dimensions Dimensiones Abmessungen mm	Diameters, approx. Diamètre, approché Diámetro, aprox. Durchmesser, ca. mm
1	conductor	copper wires, circular stranded compacted longitudinally watertight, semi-cond. taped	61 wires	26.6 (bare)
2	conductor screening	extruded semi-conductive compound	Wd min. 0.5	
3	insulation	XLPE	Wd nom. 8.0	44
4	insulation screening	extruded semi-conductive compound and semi-conductive tapes	Wd min. 0.5	
5	screen	copper wires and counter helix tape	25 mm ²	
6	sealing	swelling powder (in the gaps)		
7 } 8 }	laminated core sheath	Al-tape bonded to		
9	filler	extruded PE-sheath and outer electrode	Wd 2.6	54
10	binder	polypropylene strings		
11	bedding	PET foils	Wd appr. 2.5	
12	armouring	polypropylene yarn	Ø 4.5	
13	serving	round steel wires, galvanized, covered with bituminous compound		
14	fibre optic cable	Hessian tapes and polypropylene yarn	Wd appr. 4	139
Indented marking of sheath (no. 8)		L1, L2 or L3, - NEXANS -, 1 x 500/25 20/34 kV, year, meter markings, code-no.		
Core colour code: without Couleur des conducteurs isolés: Color de los conductores: Aderfarben:		Colour of oversheath: Couleur de la gaine extérieure: Color del revestimiento exterior: Farbe des Außenmantels:		Wd = Wall thickness Épaisseur Espesor Wanddicke

	XLPE insulated submarine cable type (F)2XS(FL)2Y>c<RAA 3x1x500 RM/25 + FO 20/34 kV to IEC 60502-2		Tag 19.10.2011	Gez. Dötzer	Gepr. Hoyer		AC-MI-0665 DWG PM-ME-3481 p05
	HANNOVER		PM.ME.A4.3481.01				

U_m = 36 kV

W
PV