


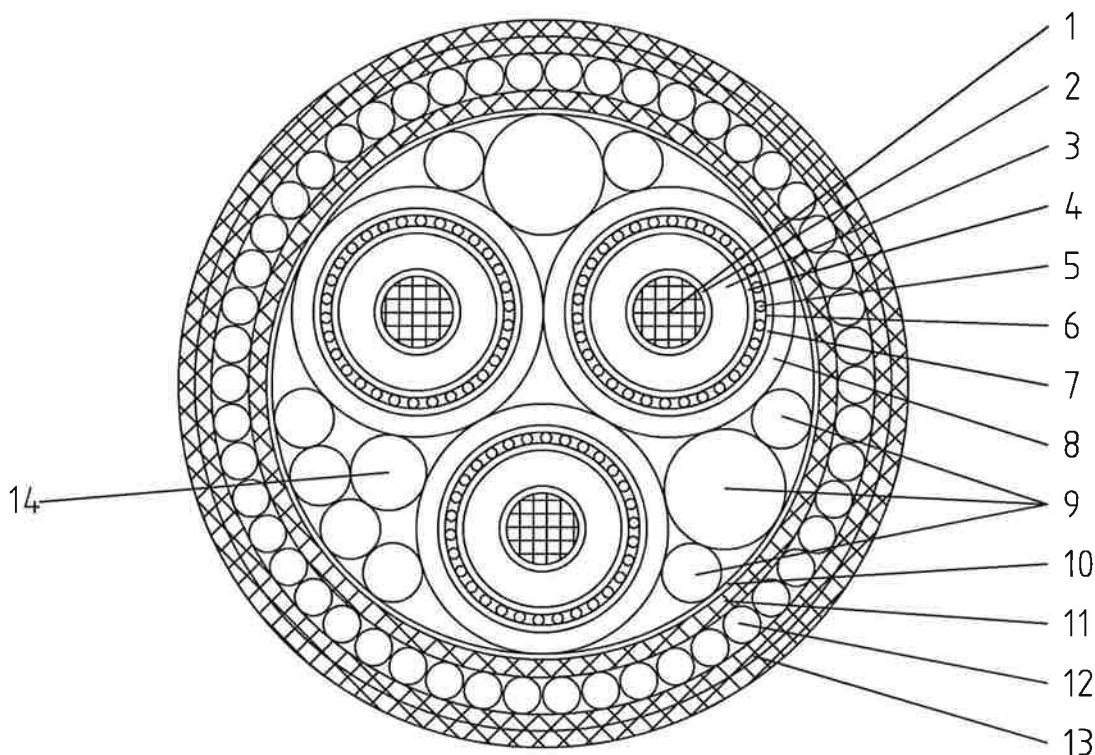


Document type:						
<b>B</b>	<b>CABLE</b>					
<b>B.1</b>	<b>DESIGN DRAWINGS, DATA SHEETS</b>					
Project: <b>West of Duddon Sands Offshore Wind Farm 34 kV Submarine Cable Supply</b>			Nexans document number: <b>11.31.016-B.1-001</b>		Issue: <b>AB1</b>	
Document title: <b>Cable Drawing 3x1x150 mm<sup>2</sup> - drum</b>			Pages: <b>03 including this cover sheet excluding attachments</b>		Category: <b>EXT</b>	
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.:  <b>48 0000 7001</b>  <b>Array Cables / WDS</b>			
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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	19 wires	14.5 (bare)
2	conductor screening	longitudinally watertight, semi-cond. taped	Wd min. 0.5	
3	insulation	extruded semi-conductive compound	Wd nom. 8.0	32
4	insulation screening	XLPE	Wd min. 0.5	
5	screen	extruded semi-conductive compound	16 mm <sup>2</sup>	
6	sealing	and semi-conductive tapes		
7 } 8 }	laminated core sheath	copper wires and counter helix tape		
9	filler	swelling powder (in the gaps)		
10	binder	Al-tape bonded to	Wd 2.2	41
11	bedding	extruded PE-sheath and outer electrode		
12	armouring	PET foils	Wd appr. 2	
13	serving	polypropylene strings	Ø 4.0	
14	fibre optic cable	PET foils	Wd appr. 3.5	108
	Indented marking of sheath (no. 8)	polypropylene yarn		
		round steel wires, galvanized, covered		
		with bituminous compound		
		Hessian tapes and polypropylene yarn		
Core colour code: without		L1, L2 or L3, - NEXANS -, 1 x 150/16 20/34 kV, year, meter markings, code-no.	Wd = Wall thickness	
Couleur des conducteurs isolés:		Colour of oversheath:	Épaisseur	
Color de los conductores:		Couleur de la gaine extérieure:	Espesor	
Aderfarben:		Color del revestimiento exterior:	Wanddicke	
	XLPE insulated submarine cable		Tag 19.10.2011	Gez. Dötzer
	type (F)2XS(FL)2Y>c<RAA 3x1x150 RM/16 + FO 20/34 kV		Gepr. Hoyer	
to IEC 60502-2		AC:MI-0655 DWG PM:ME-3486 p65		
HANNOVER		PM.ME.A4.3486.01		
		U <sub>m</sub> = 36 kV		

4/12V