

REELING CABLES



DR 750 P Offshore reeling PUR cable for offshore applications with DNV Type Approval



DRAFT



D-VIERSEN · DR 750 P Offshore 12 G 1,5 mm² CE

Marking for DR 750 P Offshore 07501215:
SAB BRÖCKSKES · D-VIERSEN · DR 750 P Offshore 12 G 1,5 mm² CE

Construction:

Conductor:	tinned copper strands acc. to IEC 60228 EN 60228, VDE 0295, class 6
Insulation:	special polymer
Colour code:	coloured acc. to HD 308 (VDE 0293 part 308); from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 cores
Stranding:	specially adjusted layering
Inner sheath:	PUR
Supporting screen:	high-tech yarn
Outer sheath:	PUR
Sheath colour:	black (RAL 9005) mat

Outstanding features:

- DNV Type Approval (in process)
- suitable for offshore applications
- high winding and unwinding strength
- small outer diameter
- small cable weight
- flame retardant and self-extinguishing
- halogen-free

Application:

- Die DR 750 P Offshore is used as reeling cable in offshore areas, for spring and motor cable reels in lifting and handling equipment on offshore platforms or ships.

Technical Data:

Nominal voltage:	0,6/1 kV
Testing voltage:	core/core 4000 V
Min. bending radius:	
<i>fixed laying:</i>	5 x d
<i>flexible:</i>	10 x d
<i>for repeated winding action (flexible):</i>	10 x d
<i>guided on deflection pulleys: (flexible):</i>	15 x d
Temperature range	
<i>fixed laying:</i>	-50/+90 °C
<i>flexible:</i>	-40/+90 °C
Halogen-free:	acc. to DIN VDE 0472 part 815 + IEC 60754-1
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 und EN 60332-1-2
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
Chemical resistance:	very good against acids, alkaline solutions, solvents and hydraulic liquids, etc.
Weather resistance:	very good
Sunlight resistance:	very good - enhanced due to black sheath colour
Absence of harmful substances:	acc. to RoHS directive of the European Union

item no.	no. of cores cross section n x mm ²	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
07501215	12 G 1,50	20,2	172,8	473
07500425	4 G 2,50	13,0	96,0	220
07500464	4 G 35,0	30,8	1344,0	1807
07500466	4 G 70,0	41,2	2688,0	3420

Other dimensions and colours are possible on request.