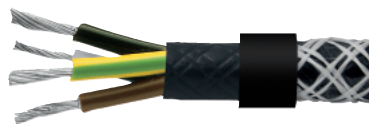


REELING, LIFT & SPECIALTY CABLES



DR 750 P Offshore Reeling cable for offshore applications



DR 750 P Offshore 12 G 1.5 mm² 0.6/1 kV

Marking for DR 750 P Offshore 07501215:

SAB BRÖCKSKES · D-VIERSEN · DR 750 P Offshore 12 G 1.5 mm² 0.6/1 kV CE

The DR 750 P Offshore is a reeling cable for offshore areas. It is designed for spring loaded and motor driven cable reels in lifting and handling equipment on offshore platforms or ships.

Construction:

Conductor:	tinned copper strands acc. to IEC 60228 EN 60228, VDE 0295, class 5
Insulation:	special polymer
Color code:	colored acc. to HD 308 (VDE 0293 part 308), see page O/26; from 6 conductors: black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, from 3 conductors a green-yellow earth wire
Stranding:	specially adjusted layering
Inner jacket:	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Supporting screen:	high-tech yarn
Jacket material:	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Jacket color:	black, matte

Outstanding features:

- suitable for offshore applications
- extremely high winding and unwinding strength
- small outer diameter
- lighter cable weight
- flame retardant and self-extinguishing
- asbestos-free

Technical data:

Nominal voltage:	0.6/1 kV
Testing voltage:	conductor/conductor 4000 V
Min. bending radius	
<i>fixed laying:</i>	5 x O.D.
<i>flexible application:</i>	10 x O.D.
<i>for repeated winding action (flexible):</i>	10 x O.D.
<i>guided on deflection pulleys: (flexible):</i>	15 x O.D.
Temperature range:	
<i>flexible:</i>	-40/+90°C
	lower temperatures on request SAB
Halogen and flourine content:	acc. to IEC 60754-1 + EN 60884-1
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Oil resistance:	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
MUD resistance:	very good - acc. to IEC 60092-350, IEC 61892-4, NEK TS 606
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 jacket color
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

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item no.	dimensions	nominal outer-Ø ± 5%		cable weight ≈ lbs/mft	min breaking load of suspension unit N
		inch	mm		
➤ 07500210	18 AWG (≈ 56/34) / 2c	0.406	10.3	79	500
➤ 07500410	18 AWG (≈ 56/34) / 4c	0.429	10.9	94	1100
➤ 07501210	18 AWG (≈ 56/34) / 12c	0.732	18.6	275	2000
➤ 07500315	16 AWG (≈ 84/34) / 3c	0.429	10.9	97	1000
➤ 07500415	16 AWG (≈ 84/34) / 4c	0.457	11.6	112	1340
➤ 07500715	16 AWG (≈ 84/34) / 7c	0.579	14.7	183	2150
➤ 07501215	16 AWG (≈ 84/34) / 12c	0.787	20.0	343	2600
➤ 07501815	16 AWG (≈ 84/34) / 18c	0.787	20.0	351	3375
➤ 07500325	14 AWG (≈ 140/34) / 3c	0.461	11.7	122	1200
➤ 07500425	14 AWG (≈ 140/34) / 4c	0.512	13.0	148	1345
➤ 07500440	12 AWG (≈ 224/34) / 4c	0.567	14.4	199	2000
➤ 07500460	10 AWG (≈ 186/32) / 4c	0.622	15.8	262	3000
➤ 07500461	8 AWG (≈ 320/32) / 4c	0.748	19.0	411	5000
➤ 07500462	6 AWG (≈ 504/32) / 4c	0.902	22.9	609	8000
➤ 07500463	4 AWG (≈ 760/32) / 4c	1.063	27.0	915	12500
➤ 07500464	2 AWG (≈ 1083/32) / 4c	1.213	30.8	1212	17500
➤ 07500465	1 AWG (≈ 703/28) / 4c	1.362	34.6	1712	25000
➤ 07500466	2/0 AWG (≈ 988/28) / 4c	1.622	41.2	2317	35000

Other dimensions and colors are possible on request.

Note: Please pay attention to the installation instructions on page O/13!

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