



## ÖLFLEX® POWER SWA AL/HDPE/PA 188

Armoured, AL/HDPE/PA jacketed, Low voltage power cable  
CU/XLPE/AL/HDPE/PA/SWA/PVC



**Info**

**RE4OH5ER4FR 0,6/1 kV**  
Gen. to IEC 60502-1  
EN 50288-7

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant

**Product features**

Armoured, AL/HDPE/PA jacketed, multi-core cable, XLPE insulated and PVC jacketed

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Halogen acid gas**  
IEC 60754-1 (max 20%)
- **Fire behaviour**  
IEC 60332-1-2

**Design**

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPE
- **Chemical Barrier:** AL/HDPE/PA
- **Armour:** Galvanized Steel Wire
- **Outer sheath:** PVC, black

**Technical data**



**Core identification code:**  
WITH PROTECTIVE CONDUCTOR:  
according to HD 308 - 1 core green/  
yellow; 3 cores green/yellow, blue,  
brown; 4 cores green/yellow, brown,  
black, grey; 5 cores green/yellow,  
blue, brown, black, grey.

WITHOUT PROTECTIVE CONDUCTOR:  
according to HD 308 - 1 core black;  
2-cores blue, brown - 3 cores brown,  
black, grey; 4 cores blue, brown,  
black, grey; 5 cores blue, brown,  
black, grey, black.



**Conductor stranding:**  
Class 2 IEC 60228



**Nominal Voltage U0/U:**  
0,6/1 kV



**Test voltage:**  
C/C 3500 V x 5 minutes



**Temperature range:**  
during operation: -30° to +70°C  
during installation: -5° to +50°C



**Minimum Bending Radius:**  
15 x Outer Diameter

Number of cores and mm <sup>2</sup> per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
<b>ÖLFLEX® POWER SWA AL/HDPE/PA 188</b>			
3 x 1,5	15,8	47,6	391
3 x 2,5	16,7	76,1	446
3 x 4	18,9	122,4	646
3 x 6	20,5	178,2	761
3 x 10	22,7	297,0	961
3 x 16	26,0	485,1	1.373
3 x 25	30,4	775,5	1.858
3 x 35	33,4	1.049,4	2.261
4 x 1,5	16,6	63,4	435
4 x 2,5	18,6	101,4	619
4 x 4	20,2	163,2	741
4 x 6	21,7	237,6	870
4 x 10	24,9	396,0	1.247
4 x 16	27,8	646,8	1.614
4 x 25	33,0	1.034,0	2.249
4 x 35	37,2	1.399,2	2.984
5 x 1,5	18,4	79,3	597
5 x 2,5	19,8	126,8	698
5 x 4	21,3	204,1	832
5 x 6	24,0	297,0	1.121
5 x 10	26,7	495,0	1.437
5 x 16	30,1	808,5	1.895
5 x 25	36,7	1.292,5	2.885
5 x 35	40,4	1.749,0	3.529

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Photographs are not to scale and do not represent detailed images of the respective products

**AVAILABLE ALSO IN:** Conductor Class 5, Tinned conductor, Armour TCWB, SWB