











General Construction

-  **Conductor:** Flexible bare copper (Class 5)
CPR-classification acc. to EN 50575: Eca
-  **Insulation:** PVC
-  **Core Identification:** X: numbers
G: green/yellow + numbers
-  **Screen:** Tinned copper braid; coverage 70%
-  **Sheath:** Inner sheath: PVC
Outer sheath: special PVC-compound
Colour: black



Technical data

-  **Nominal voltage:** 0,6/1 kV
-  **Test voltage:** 4 kV
-  **Operating temperature range:** -40°C to +70°C (Fixed) -5°C to +70°C (Flex)
-  **Flame:** VDE 0482-332-1-2 / IEC 60332-1-2

Movement Data @20°C

-  **Bending radius:** 5 x Ø (Fixed) 10 x Ø (Flex)
- Tensile strength:** 15 N/mm²

Approval

-  Oil-resistant: yes
-  UV-resistant: yes

Name	Cable Type	Ø mm	Weight Kg/Km
POWSC2X0,75	2 x 0,75	8,6	108,0
POWSC3G0,75	3 x 0,75	9,2	123,0
POWSC4X0,75	4 x 0,75	9,9	148,0
POWSC4G0,75	4 x 0,75	9,9	148,0
POWSC5G0,75	5 x 0,75	11,0	171,0
POWSC7G0,75	7 x 0,75	11,5	204,0
POWSC12G0,75	12 x 0,75	14,9	333,0
POWSC18G0,75	18 x 0,75	16,9	446,0
POWSC25G0,75	25 x 0,75	20,2	601,0
POWSC2X1	2 x 1	9,4	130,0
POWSC3G1	3 x 1	9,8	143,0
POWSC4X1	4 x 1	10,6	176,0
POWSC4G1	4 x 1	10,6	176,0
POWSC5G1	5 x 1	11,1	192,0
POWSC6X1	6 x 1	12,0	219,0
POWSC6G1	6 x 1	12,0	219,0
POWSC7G1	7 x 1	12,3	245,0
POWSC9X1	9 x 1	13,9	295,0
POWSC9G1	9 x 1	13,9	295,0
POWSC10X1	10 x 1	14,3	319,0
POWSC10G1	10 x 1	14,3	319,0
POWSC12G1	12 x 1	15,6	372,0
POWSC18G1	18 x 1	17,9	516,0
POWSC25G1	25 x 1	21,6	706,0
POWSC2X1,5	2 x 1,5	10,3	157,0
POWSC3G1,5	3 x 1,5	11,1	192,0
POWSC4G1,5	4 x 1,5	11,8	220,0
POWSC5G1,5	5 x 1,5	13,0	254,0
POWSC7G1,5	7 x 1,5	14,2	319,0
POWSC9G1,5	9 x 1,5	16,2	409,0
POWSC12G1,5	12 x 1,5	18,0	503,0



Name	Cable Type	Ø mm	Weight Kg/Km
POWSC15G1,5	15 x 1,5	19,7	606,0
POWSC18G1,5	18 x 1,5	21,4	732,0
POWSC25G1,5	25 x 1,5	25,4	971,0
POWSC28G1,5	28 x 1,5	26,0	1.061,0
POWSC33G1,5	33 x 1,5	27,3	1.193,0
POWSC34G1,5	34 x 1,5	27,9	1.225,0
POWSC2X2,5	2 x 2,5	12,1	218,0
POWSC3G2,5	3 x 2,5	12,7	250,0
POWSC4G2,5	4 x 2,5	13,8	308,0
POWSC5G2,5	5 x 2,5	15,0	368,0
POWSC7G2,5	7 x 2,5	16,3	438,0
POWSC12G2,5	12 x 2,5	21,6	727,0
POWSC18G2,5	18 x 2,5	25,2	1.045,0
POWSC25G2,5	25 x 2,5	30,0	1.396,0
POWSC3G4	3 x 4	14,6	351,0
POWSC4G4	4 x 4	15,2	418,0
POWSC5G4	5 x 4	16,9	485,0
POWSC7G4	7 x 4	19,0	633,0
POWSC3G6	3 x 6	15,9	439,0
POWSC4G6	4 x 6	17,4	530,0
POWSC5G6	5 x 6	18,8	640,0
POWSC4G10	4 x 10	21,1	814,0
POWSC5G10	5 x 10	23,3	999,0
POWSC4G16	4 x 16	25,6	1.238,0
POWSC5G16	5 x 16	28,5	1.528,0
POWSC4G25	4 x 25	31,2	1.856,0
POWSC5G25	5 x 25	34,4	2.243,0
POWSC4G35	4 x 35	34,6	2.384,0
POWSC5G35	5 x 35	40,0	4.950,0
POWSC4G50	4 x 50	41,0	3.367,0
POWSC5G50	5 x 50	45,5	4.163,0



Name	Cable Type	Ø mm	Weight Kg/Km
POWSC4G70	4 x 70	46,0	4.523,0
POWSC5G70	5 x 70	52,5	9.390,0
POWSC4G95	4 x 95	51,3	5.682,0
POWSC4G120	4 x 120	56,4	7.167,0
POWSC4G150	4 x 150	63,8	15.990,0
POWSC4G185	4 x 185	71,0	18.470,0

