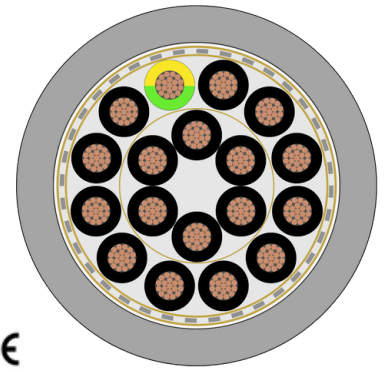










# MOBILE SC PUR








≤0,34mm<sup>2</sup> - AWM Style 20233 (80°C / 300V)  
 ≥0,50mm<sup>2</sup> - AWM Style 21223 (80°C / 1000V)







## General Construction

-  **Conductor:** Flexible bare copper (Class 6) Acc. to IEC 60228 / VDE 0295
-  **Insulation:** PP compound
-  **Color Cores:** X (≤0,34mm<sup>2</sup>): acc. to DIN47100 / X (≥0,50mm<sup>2</sup>): numbers  
G (≥0,50mm<sup>2</sup>): green/yellow + numbers
-  **Shield:** Tinned copper braid; nominal opVcal coverage 85%
-  **Protective Tape:** Nonwovens tape over each layer and nonwovens tape over screen
-  **Sheath:** Outer sheath: PUR (ether base), 90 ShA; compound acc. to UL 758  
Colour: grey similar RAL 7001




## Technical data

-  **Nominal Voltage:** (≤0,34mm<sup>2</sup>): 300 Vrms (≥0,50mm<sup>2</sup>): 1000 Vrms
-  **Test Voltage:** (≤0,34mm<sup>2</sup>): 1500 V (≥0,50mm<sup>2</sup>): 3000 V
-  **Temperature:** fixed: -50 °C to +90 °C flex: -40 °C to +80 °C
-  **Flame Resistance:** UL Cable flame test; CSA FT1; IEC 60332-1-2
-  **Oil Resistance:** UL 758

## Movement Data @20°C

-  **Bending cycles:** up to 3 Mio
-  **Bending radius:** fixed: 5 x D / flex: 5 x D (1 Mio Bending cycles); 7,5 x D (5 Mio Bending cycles)
-  **Speed:** up to 300 m/min
-  **Acceleration:** up to 10 m/sec<sup>2</sup>

## Approval

-  Halogen free according to CEI EN 60754-1 / VDE 0482-754-1 - UV Resistance
-  Silicone, Pb, Cd, Hg, FCKW free
-  RoHS<sub>3</sub> 2014/35/UE; 2011/65/CE; 2015/863/UE UKCA compliant

Name	Cable type	Ø mm	Tolerance	Weight Kg/Km
MOBSC4X0,25PUR	4 x 0,25	5,5	±0,25 mm	42,0
MOBSC8X0,25PUR	8 x 0,25	6,8	±0,25 mm	66,0
MOBSC12X0,25PUR	12 x 0,25	7,4	±0,25 mm	80,0
MOBSC16X0,25PUR	16 x 0,25	8,2	±0,25 mm	97,0
MOBSC5X0,34PUR	5 x 0,34	6,3	±0,25 mm	58,0
MOBSC6X0,34PUR	6 x 0,34	6,6	±0,25 mm	64,0
MOBSC7X0,34PUR	7 x 0,34	7,2	±0,25 mm	72,0
MOBSC8X0,34PUR	8 x 0,34	7,5	±0,25 mm	80,0
MOBSC12X0,34PUR	12 x 0,34	8,4	±0,30 mm	105,0
MOBSC18X0,34PUR	18 x 0,34	9,5	±0,30 mm	140,0
MOBSC25X0,34PUR	25 x 0,34	11,2	±0,30 mm	187,0
MOBSC32X0,34PUR	32 x 0,34	11,8	±0,30 mm	229,0
MOBSC2X0,50PUR	2 x 0,5	6,1	±0,25 mm	
MOBSC3G0,50PUR	3 x 0,5	6,4	±0,25 mm	58,0
MOBSC4G0,50PUR	4 x 0,5	6,8	±0,25 mm	64,0
MOBSC5G0,50PUR	5 x 0,5	7,3	±0,25 mm	
MOBSC7G0,50PUR	7 x 0,5	8,4	±0,30 mm	97,0
MOBSC12G0,50PUR	12 x 0,5	10,0	±0,30 mm	140,0
MOBSC18G0,50PUR	18 x 0,5	11,7	±0,30 mm	
MOBSC25G0,50PUR	25 x 0,5	13,9	±0,40 mm	
MOBSC32G0,50PUR	32 x 0,5	14,9	±0,40 mm	350,0
MOBSC2X0,75PUR	2 x 0,75	6,7	±0,25 mm	
MOBSC3G0,75PUR	3 x 0,75	7,2	±0,25 mm	139,0
MOBSC4G0,75PUR	4 x 0,75	7,5	±0,25 mm	
MOBSC5G0,75PUR	5 x 0,75	8,1	±0,25 mm	94,0
MOBSC7G0,75PUR	7 x 0,75	9,6	±0,30 mm	128,0
MOBSC12G0,75PUR	12 x 0,75	11,3	±0,30 mm	

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Customer responsibility to verify suitability of the product for the intended purpose remains. Processing and application of the goods are outside of our control possibilities. Right to technical changes is reserved.



Name	Cable type	Ø mm	Tolerance	Weight Kg/Km
MOBSC18G0,75PUR	18 x 0,75	13,2	±0,40 mm	
MOBSC25G0,75PUR	25 x 0,75	15,8	±0,50 mm	
MOBSC2X1PUR	2 x 1	6,9	±0,25 mm	66,0
MOBSC3G1PUR	3 x 1	7,2	±0,25 mm	77,0
MOBSC4G1PUR	4 x 1	7,8	±0,25 mm	91,0
MOBSC5G1PUR	5 x 1	8,5	±0,30 mm	
MOBSC7G1PUR	7 x 1	10,0	±0,30 mm	
MOBSC12G1PUR	12 x 1	11,8	±0,30 mm	
MOBSC18G1PUR	18 x 1	13,8	±0,40 mm	
MOBSC25G1PUR	25 x 1	16,6	±0,50 mm	
MOBSC2X1,5PUR	2 x 1,5	7,5	±0,25 mm	
MOBSC3G1,5PUR	3 x 1,5	7,9	±0,25 mm	
MOBSC4G1,5PUR	4 x 1,5	8,5	±0,30 mm	
MOBSC5G1,5PUR	5 x 1,5	9,4	±0,30 mm	144,0
MOBSC7G1,5PUR	7 x 1,5	10,9	±0,30 mm	
MOBSC12G1,5PUR	12 x 1,5	13,4	±0,40 mm	305,0
MOBSC18G1,5PUR	18 x 1,5	15,4	±0,50 mm	
MOBSC25G1,5PUR	25 x 1,5	18,8	±0,50 mm	
MOBSC2X2,5PUR	2 x 2,5	8,9	±0,30 mm	
MOBSC3G2,5PUR	3 x 2,5	9,6	±0,30 mm	146,0
MOBSC4G2,5PUR	4 x 2,5	10,6	±0,30 mm	183,0
MOBSC5G2,5PUR	5 x 2,5	11,3	±0,30 mm	
MOBSC7G2,5PUR	7 x 2,5	13,6	±0,40 mm	
MOBSC12G2,5PUR	12 x 2,5	16,7	±0,50 mm	
MOBSC18G2,5PUR	18 x 2,5	19,5	±0,50 mm	
MOBSC25G2,5PUR	25 x 2,5	23,8	±0,70 mm	

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Name	Cable type	Ø mm	Tolerance	Weight Kg/Km
MOBSC4G4PUR	4 x 4	12,0	±0,30 mm	256,0
MOBSC4G6PUR	4 x 6	14,3	±0,40 mm	392,0

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