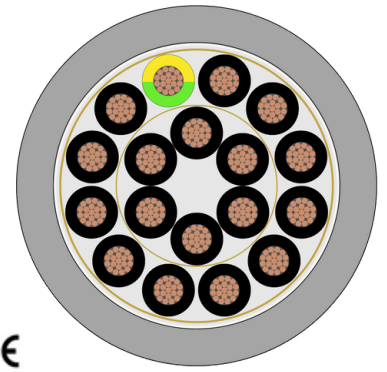




MOBILE PUR



≤0,34mm² - AWM Style 20233 (80°C / 300V)
 ≥0,50mm² - 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 (≤0,34mm²): acc. to DIN47100 / X (≥0,50mm²): numbers / G (≥0,50mm²): green/yellow + numbers
- Shield:** Tinned copper braid; nominal optical coverage 85%
- Protective Tape:** Nonwovens tape over each layer
- Sheath:** PUR (ether base), 90 ShA; acc. to UL 758
Colour: grey similar RAL 7001

Technical data

- Nominal Voltage:** (≤0,34mm²): 300 Vrms (≥0,50mm²): 1000 Vrms
- Test Voltage:** (≤0,34mm²): 1500 Vac (≥0,50mm²): 3000 Vac
- 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 1Mio (7,5 x D); up to 5Mio (10 x D)
- Bending radius:** 5 x D (fixed); 7,5-10 x D (flexible)
- Speed:** up to 300 m/min
- Acceleration:** up to 10 m/sec²

Approval

- Halogen free according to CEI EN 60754-1 / VDE 0482-754-1 - UV Resistance
- Silicone, Pb, Cd, Hg, FCKW free
- RoHS₃ 2014/35/UE; 2011/65/CE; 2015/863/UE UKCA compliant

| Name | Cable type | Ø mm | Tolerance | Weight Kg/Km |
|---------------|------------|------|-----------|--------------|
| MOB7X0,25PUR | 7 x 0,25 | 6,0 | ±0,25 mm | 45,0 |
| MOB10X0,25PUR | 10 x 0,25 | 6,7 | ±0,25 mm | 59,0 |
| MOB12X0,25PUR | 12 x 0,25 | 7,0 | ±0,25 mm | 67,0 |
| MOB2X0,34PUR | 2 x 0,34 | 4,9 | ±0,25 mm | 31,0 |
| MOB4X0,34PUR | 4 x 0,34 | 5,4 | ±0,25 mm | 38,0 |
| MOB2X0,50PUR | 2 x 0,5 | 5,6 | ±0,25 mm | 39,0 |
| MOB3G0,50PUR | 3 x 0,5 | 5,9 | ±0,25 mm | 45,0 |
| MOB4G0,50PUR | 4 x 0,5 | 6,3 | ±0,25 mm | 57,0 |
| MOB5G0,50PUR | 5 x 0,5 | 6,8 | ±0,25 mm | 67,0 |
| MOB7G0,50PUR | 7 x 0,5 | 7,9 | ±0,25 mm | 80,0 |
| MOB12G0,50PUR | 12 x 0,5 | 9,5 | ±0,25 mm | 120,0 |
| MOB14G0,50PUR | 14 x 0,5 | 10,0 | ±0,30 mm | 140,0 |
| MOB18G0,50PUR | 18 x 0,5 | 11,2 | ±0,30 mm | 173,0 |
| MOB25G0,50PUR | 25 x 0,5 | 13,3 | ±0,30 mm | 237,0 |
| MOB34G0,50PUR | 34 x 0,5 | 15,0 | ±0,40 mm | 301,0 |
| MOB50G0,50PUR | 50 x 0,5 | 17,5 | ±0,50 mm | 419,0 |
| MOB2X0,75PUR | 2 x 0,75 | 6,2 | ±0,50 mm | 49,0 |
| MOB3G0,75PUR | 3 x 0,75 | 6,5 | ±0,25 mm | 57,0 |
| MOB4G0,75PUR | 4 x 0,75 | 7,0 | ±0,25 mm | 66,0 |
| MOB5G0,75PUR | 5 x 0,75 | 7,6 | ±0,25 mm | 79,0 |
| MOB7G0,75PUR | 7 x 0,75 | 9,1 | ±0,25 mm | 101,0 |
| MOB12G0,75PUR | 12 x 0,75 | 10,8 | ±0,25 mm | 163,0 |
| MOB18G0,75PUR | 18 x 0,75 | 12,6 | ±0,30 mm | 230,0 |
| MOB25G0,75PUR | 25 x 0,75 | 15,2 | ±0,30 mm | 291,0 |
| MOB2X1PUR | 2 x 1 | 6,4 | ±0,30 mm | 54,0 |
| MOB3G1PUR | 3 x 1 | 6,7 | ±0,50 mm | 62,0 |

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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 |
|--------------|------------|------|-----------|--------------|
| MOB4G1PUR | 4 x 1 | 7,3 | ±0,25 mm | 74,0 |
| MOB5G1PUR | 5 x 1 | 8,0 | ±0,25 mm | 93,0 |
| MOB7G1PUR | 7 x 1 | 9,5 | ±0,30 mm | 126,0 |
| MOB8G1PUR | 8 x 1 | 10,1 | ±0,30 mm | 139,0 |
| MOB12G1PUR | 12 x 1 | 11,3 | ±0,30 mm | 193,0 |
| MOB16G1PUR | 16 x 1 | 12,3 | ±0,30 mm | 230,0 |
| MOB18G1PUR | 18 x 1 | 13,2 | ±0,40 mm | 277,0 |
| MOB25G1PUR | 25 x 1 | 16,0 | ±0,50 mm | 377,0 |
| MOB2X1,5PUR | 2 x 1,5 | 7,0 | ±0,25 mm | 71,0 |
| MOB3G1,5PUR | 3 x 1,5 | 7,4 | ±0,25 mm | 86,0 |
| MOB4G1,5PUR | 4 x 1,5 | 8,0 | ±0,25 mm | 102,0 |
| MOB5G1,5PUR | 5 x 1,5 | 8,9 | ±0,30 mm | 126,0 |
| MOB7G1,5PUR | 7 x 1,5 | 10,5 | ±0,30 mm | 169,0 |
| MOB8G1,5PUR | 8 x 1,5 | 11,3 | ±0,30 mm | 192,0 |
| MOB12G1,5PUR | 12 x 1,5 | 12,7 | ±0,30 mm | 266,0 |
| MOB18G1,5PUR | 18 x 1,5 | 15,0 | ±0,40 mm | 388,0 |
| MOB25G1,5PUR | 25 x 1,5 | 18,2 | ±0,50 mm | 545,0 |
| MOB2X2,5PUR | 2 x 2,5 | 8,4 | ±0,30 mm | 110,0 |
| MOB3G2,5PUR | 3 x 2,5 | 9,1 | ±0,30 mm | 138,0 |
| MOB4G2,5PUR | 4 x 2,5 | 10,0 | ±0,30 mm | 168,0 |
| MOB5G2,5PUR | 5 x 2,5 | 10,8 | ±0,30 mm | 202,0 |
| MOB7G2,5PUR | 7 x 2,5 | 13,0 | ±0,30 mm | 246,0 |
| MOB12G2,5PUR | 12 x 2,5 | 16,1 | ±0,30 mm | 437,0 |
| MOB18G2,5PUR | 18 x 2,5 | 18,9 | ±0,50 mm | 627,0 |
| MOB25G2,5PUR | 25 x 2,5 | 23,2 | ±0,50 mm | 894,0 |
| MOB4G4PUR | 4 x 4 | 11,4 | ±0,70 mm | 236,0 |
| MOB5G4PUR | 5 x 4 | 12,5 | ±0,30 mm | 283,0 |

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| Name | Cable type | Ø mm | Tolerance | Weight Kg/Km |
|------------|------------|------|-----------|--------------|
| MOB4G6PUR | 4 x 6 | 13,6 | ±0,40 mm | 357,0 |
| MOB4G10PUR | 4 x 10 | 17,7 | ±0,50 mm | 550,0 |
| MOB4G16PUR | 4 x 16 | 19,8 | ±0,70 mm | 863,0 |
| MOB4G25PUR | 4 x 25 | 24,2 | ±0,90 mm | 1.206,0 |
| MOB4G35PUR | 4 x 35 | 28,2 | ±0,90 mm | 1.620,0 |

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