

**50M MAIN CABLE PUR-JB 16\*0,5+3\*1,0**

8-way distribution boxes M12  
16× 0.5 + 3× 1.0 mm<sup>2</sup>

[Link to Product](#)**Illustration**

Product may differ from Image

**Cables**

Cable number	452
No./diameter of wires	16× 0.5 + 3× 1.0 mm <sup>2</sup>
Wire isolation	TPE (grpk, wh, rdbl, gn, whgn, ye, brgn, gr, whye, pk, yebr, rd, whgr, bk, grbr, vi, br, bl, gnye)
C-track properties	5 Mio.
Jacket Color	gray
Material (jacket)	PUR (UL/CSA)
Outer Ø	11.5 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	452
Approval (cable)	UL (AWM-Style 20233), CSA
Cable weight [g/m]	231,0
Material (wire)	Cu wire, bare
Resistor (core)	max. 39 Ω/km (0.5 mm <sup>2</sup> ); max. 20 Ω/km (1.0 mm <sup>2</sup> ); (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	64× 0.1 mm (0.5 mm <sup>2</sup> ), 128× 0.1 mm (1.0 mm <sup>2</sup> ); (multi-strand wire class 6)
Diameter (core)	16× 0.5 + 3× 1.0 mm <sup>2</sup>
AWG	similar to AWG 20 (0.5 mm <sup>2</sup> ); similar to AWG 17 (1.0 mm <sup>2</sup> )
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±3 D
Wire-Ø incl. isolation	1.6 mm ±5% (0.5 mm <sup>2</sup> ); 2.1 mm ±5% (1.0 mm <sup>2</sup> )
Material (jacket)	PUR
Outer-Ø (jacket)	11.6 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	300/300 V AC
Test voltage	2000 V AC
Bend radius (moving)	10× outer Ø

No. of bending cycles (C-track)	max. 5 Mio.
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Travel speed (C-track)	max. 2 m/s
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**Commercial data**

country of origin	IT
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customs tariff number	85444995
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EAN	4048879057066
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eClass	27062011
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Packaging unit	1
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