

FLEXIBLE SPECIALTY CABLES



MR 460 PUR control cable with fibre-reinforced sheath

D-VIERSEN · MR 460 12 x 0,75 mm² 34601207 CE



Marking for MR 460 34601207:

SAB BRÖCKKES · D-VIERSEN · MR 460 12 x 0,75 mm² 34601207 CE

The MR 460 cable is applied for unprotected usage with high mechanical stress e.g. in the forest and agriculture industry.

Construction:

Conductor:	bare copper strands acc. to IEC 60228 EN 60228, VDE 0295, class 6
Insulation:	TPE
Color code:	black conductors with consecutive numbers acc. to EN 50334 and green-yellow earth wire from 3 conductors
Stranding:	specialy adjusted layering
Wrapping:	non-woven tape
Supporting screen:	high-tech yarn
Jacket material:	PUR, TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
Jacket color:	black

Outstanding features:

- ▶ halogen-free
- ▶ reinforced outer sheath
for high mechanical stress
- ▶ notch resistant abrasion resistant
- ▶ good flexibility
also at low temperatures
- ▶ weather resistant
- ▶ oil resistance
- ▶ good chemical resistance
- ▶ sunlight resistance

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage:	2000 V
Min. bending radius	
fixed laying:	5 x O.D.
flexible application:	10 x O.D.
Temperature range	
fixed laying:	-50/+90 °C
flexible application:	-40/+90 °C
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids, etc.
UV-resistance:	very good - enhanced due to black sheath color
Mechanical characteristics:	the main mechanical characteristics accomplished by the PUR outer sheath are: - high tensile strength - high tear strength - high abrasion resistance - high notch resistance - high transverse strength
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28

item no.	no. of conductors incl. ground	nominal outer- inch	mm	cable weight ≈ lbs/mft
▶ 20 AWG (≈ 28/34) • 0.50 mm ²				
84600305	3	0.252	6.4	34
84600405	4	0.264	6.7	38
84600505	5	0.287	7.3	44
84600705	7	0.323	8.2	59
84601205	12	0.386	9.8	86
84601805	18	0.441	11.2	118
84602505	25	0.520	13.2	157
▶ 19 AWG (≈ 42/34) • 0.75 mm ²				
84600307	3	0.276	7.0	42
84600407	4	0.291	7.4	48
84600507	5	0.315	8.0	59
84600707	7	0.354	9.0	74
84601207	12	0.429	10.9	106
84601807	18	0.508	12.9	159
84602507	25	0.598	15.2	217

item no.	no. of conductors incl. ground	nominal outer- inch	mm	cable weight ≈ lbs/mft
▶ 18 AWG (≈ 56/34) • 1.00 mm ²				
84600310	3	0.291	7.4	48
84600410	4	0.311	7.9	60
84600510	5	0.335	8.5	70
84600710	7	0.390	9.9	92
84601210	12	0.469	11.9	141
84601810	18	0.535	13.6	190
84602510	25	0.654	16.6	274
▶ 16 AWG (≈ 84/34) • 1.50 mm ²				
84600315	3	0.315	8.0	65
84600415	4	0.339	8.6	76
84600515	5	0.366	9.3	89
84600715	7	0.429	10.9	138
84601215	12	0.516	13.1	186
84601815	18	0.610	15.5	271
84602515	25	0.724	18.4	364

item no.	no. of conductors incl. ground	nominal outer- inch	mm	cable weight ≈ lbs/mft
▶ 14 AWG (≈ 140/34) • 2.50 mm ²				
84600325	3	0.386	9.8	94
84600425	4	0.413	10.5	114
84600525	5	0.453	11.5	138
84600725	7	0.531	13.5	184
84601225	12	0.657	16.7	300
84601825	18	0.764	19.4	444
84602525	25	0.921	23.4	583

Other dimensions and colors are possible on request.

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