

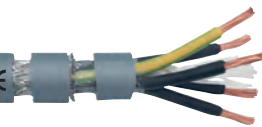
Flexible Control Cables

CC 600 MTW CY

Oil resistant 90°C flexible shielded control cable and machine tool cable



60°C 600V CSA AWM I/II A/B 90°C 1000V FT1 FT2 CE



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Marking for CC 600 MTW CY 35601604:

SAB BRÖCKSKES · D-VIERSEN · 4x1.5mm² CC 600 MTW CY 16 AWG/4c 35601604 (UL) Type MTW 600V AWM Style 21216 90°C Oil 60°C 600V CSA AWM I/II A/B 90°C 1000V FT1 FT2 CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5, UL standard 758 table 5.1, UL 1581 table 20.1
Insulation:	special formulated PVC/Nylon
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	in layers
Wrapping:	non-woven tape
Shielding:	tinned copper braiding
Jacket material:	special oil resistant PVC
Jacket color:	gray (RAL 7000)

Technical data:

Voltage:	UL-AWM / (UL) 600 V	CSA 1000 V
Testing voltage:	conductor/conductor: conductor/shielding:	4000 V 2000 V
Min. bending radius:	<i>fixed installation:</i> <i>free movement:</i>	5 x O.D. 10 x O.D.
Radiation resistance:		5 x 10 ⁷ cJ/kg
Temperature range:		UL/CSA: -25/ +90°C
Burning characteristics:		CSA FT1, FT2
Oil resistance:		very good - TM5 acc. to EN 50363-4-1 + VDE 0207-363-4-1, Oil 60°C acc. to UL 758, Fuel Oil acc. to CSA-C 22.2 No. 210
Impact and Crushing test:		acc. to UL 1277
Machinery Area:		yes
Approvals:		UL MTW, UR AWM, CSA AWM, CE, RoHS
Absence of harmful substances:		acc. to RoHS directive of the European Union see page O/30

Outstanding features:



- UL recognized, (UL) listed, CSA approved
- flexible cable for use as machine tool cable
- oil resistant
- NFPA 79 for industrial machinery

item no.	no. of conductors incl. ground	outer-ø ±10% inch	outer-ø ±10% mm	cable weight ≈lbs/mft
▶ 18 AWG (≈ 30/32) ▪ 1.00 mm²				
35601803	3	0.335	8.5	65
35601804	4	0.362	9.2	78
35601805	5	0.390	9.9	95
35601807	7	0.417	10.6	112
35601809	9	0.512	13.0	164
35601812	12	0.563	14.3	197
35601816	16	0.626	15.9	267
35601818	18	0.654	16.6	290
35601819	19	0.685	17.4	309
35601825	25	0.764	19.4	376
35601827	27	0.764	19.4	394
35601837	37	0.890	22.6	539
35601850	50	1.024	26.0	691
▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm²				
35601603	3	0.362	9.2	79
35601604	4	0.390	9.9	94
35601605	5	0.413	10.5	120
35601607	7	0.461	11.7	149
35601608	8	0.555	14.1	202
35601609	9	0.594	15.1	233
35601612	12	0.626	15.9	269
35601616	16	0.681	17.3	333

item no.	no. of conductors incl. ground	outer-ø ±10% inch	outer-ø ±10% mm	cable weight ≈lbs/mft
▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm²				
35601618	18	0.713	18.1	362
35601619	19	0.713	18.1	372
35601625	25	0.882	22.4	515
35601627	27	0.882	22.4	539
35601641	41	1.035	26.3	756
35601650	50	1.122	28.5	880
35601661	61	1.189	30.2	1035
▶ 14 AWG (≈ 46/30) ▪ 2.50 mm²				
35601403	3	0.398	10.1	114
35601404	4	0.433	11.0	134
35601405	5	0.472	12.0	159
35601407	7	0.508	12.9	198
35601409	9	0.654	16.6	303
35601412	12	0.685	17.4	357
35601418	18	0.791	20.1	491
35601425	25	0.976	24.8	693
▶ 12 AWG (≈ 52/28) ▪ 4.00 mm²				
35601203	3	0.453	11.5	161
35601204	4	0.492	12.5	194
35601205	5	0.563	14.3	247
35601207	7	0.614	15.6	323

item no.	no. of conductors incl. ground	outer-ø ±10% inch	outer-ø ±10% mm	cable weight ≈lbs/mft
▶ 10 AWG (≈ 78/28) ▪ 6.00 mm²				
35601002	2	0.469	11.9	162
35601003	3	0.555	14.1	239
35601004	4	0.610	15.5	304
35601005	5	0.661	16.8	356
35601007	7	0.717	18.2	450
▶ 8 AWG (≈ 69/26)				
35600804	4	0.760	19.3	458
35600805	5	0.874	22.2	585
▶ 6 AWG (≈ 110/26)				
35600604	4	0.945	24	692
35600605	5	1.020	25.9	831
▶ 4 AWG (≈ 175/26)				
35600404	4	1.126	28.6	1022
35600405	5	1.240	31.5	1235
▶ 2 AWG (≈ 272/26)				
35600204	4	1.299	33.0	1434
35600205	5	1.433	36.4	1729
▶ 1 AWG (≈ 342/26)				
35600104	4	1.398	35.5	1576

2 conductor cable does not have ground
Other dimensions and colors are available on request