

Flexible Control Cables

CC 600 World CY

Oil resistant flexible shielded control cable with international standards



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

Marking for CC 600 World CY 2561612:

SAB BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H05VVC4V5-K 2561215 12G1.5mm² CC 600 World CY 16 AWG/12c 2561612 AWM Style 21216 90°C 600V Oil 60°C CSA AWM I/II A/B 90°C F 600V FT1 FT2 CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	PVC, T12 acc. to EN 50363-3 + VDE 0207-363-3
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	in layers
Inner Jacket:	PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1
Shielding:	tinned copper braiding
Jacket materials:	PVC, TM5 acc. to EN 50363-4-1 + VDE 0207-363-4-1
Jacket color:	gray (RAL 7000)

Outstanding features:

- good EMC characteristics
- flexible
- oil resistant
- UL, CSA, VDE and HAR standardized

Technical data:

Nominal voltage:	Uo/U 300/500 V
Voltage UL/CSA:	600 V
Testing voltage:	conductor/conductor: 3000 V conductor/shielding: 2000 V
Min. bending radius:	<i>fixed installation:</i> 5 x O.D. <i>free movement:</i> 10 x O.D.
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range:	DIN VDE -40/+70°C <i>static:</i> -40/+70°C <i>flexible:</i> +5/+70°C UL/CSA: up to +90°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT1, FT2
Oil resistance:	very good - TM5 acc. to EN 50363-4-1 + VDE 0207-363-4-1
Chemical resistance:	see page O/11
Approvals:	UR AWM, CSA AWM, VDE, HAR, CE, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	no. of conductors incl. ground	outer-ø ±10% inch	±10% mm	cable weight ≈lbs/mft
▶ 20 AWG (≈ 16/32) • 0.50 mm²				
2562003	3	0.358	9.1	81
2562004	4	0.390	9.9	100
2562005	5	0.417	10.6	113
2562007	7	0.480	12.2	144
2562012	12	0.567	14.4	196
2562018	18	0.665	16.9	286
▶ 19 AWG (≈ 23/32) • 0.75 mm²				
2561903	3	0.390	9.9	101
2561904	4	0.417	10.6	114
2561905	5	0.449	11.4	131
2561907	7	0.520	13.2	174
2561912	12	0.630	16.0	249
2561918	18	0.724	18.4	339

item no.	no. of conductors incl. ground	outer-ø ±10% inch	±10% mm	cable weight ≈lbs/mft
▶ 18 AWG (≈ 30/32) • 1.00 mm²				
2561803	3	0.398	10.1	108
2561804	4	0.413	10.5	116
2561805	5	0.461	11.7	142
2561807	7	0.535	13.6	190
2561812	12	0.650	16.5	284
2561818	18	0.752	19.1	379
▶ 16 AWG (≈ 27-29/30) • 1.50 mm²				
2561603	3	0.437	11.1	130
2561604	4	0.480	12.2	154
2561605	5	0.524	13.3	186
2561607	7	0.626	15.9	263
2561612	12	0.744	18.9	359
2561618	18	0.886	22.5	526

item no.	no. of conductors incl. ground	outer-ø ±10% inch	±10% mm	cable weight ≈lbs/mft
▶ 14 AWG (≈ 46/30) • 2.50 mm²				
2561403	3	0.508	12.9	179
2561404	4	0.543	13.8	206
2561405	5	0.610	15.5	264
2561407	7	0.713	18.1	359
2561412	12	0.878	22.3	519
2561418	18	1.016	25.8	716
2 conductor cable does not have ground Other dimensions and colors are available on request				