

Control and connection cables

CC 600 CY T

PVC control cable with numbered cores, extended temperature range and overall copper screen, AWG 8 - AWG 1



05°C 600V CSA AWM I/II A/B 105°C 600V FT1 FT2 CE



Marking for CC 600 CY T 02780804:

SAB BRÜCKSKES · D-VIERSEN · CC 600 CY T 8 AWG/4c 02780804

AWM Style 2586 105°C 600V CSA AWM I/II A/B 105°C 600V FT1 FT2 CE

Construction:

Conductor:	bare copper strands acc. to UL/CSA
Insulation:	special heat resistant PVC
Colour code:	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
Stranding:	in layers with PETP foil over the outer layer
Screen:	tinned copper braiding
Sheath material:	special heat resistant PVC
Sheath colour:	grey (RAL 7000)

Technical data:

Nominal voltage:	U ₀ /U 300/500 V	
Voltage UL/CSA:	600 V	
Testing voltage:	core/core 2000 V	core/screen 2000 V
Min. bending radius		
<i>fixed laying:</i>	5 x d	
<i>flexible application:</i>	10 x d	
Radiation resistance:	8 x 10 ⁷ cJ/kg	
Temperature range	DIN VDE	UL/CSA: up to +105 °C
<i>fixed laying:</i>	-40/+90 °C	
<i>flexible application:</i>	+5/+90 °C	
<i>short time use:</i>	+105 °C	
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT1, FT2	
Oil resistance:	acc. to internal standard, see chapter N „Technical Data“	
Absence of harmful substances:	acc. to RoHS directive of the European Union see chapter N „Technical Data“	

Outstanding features:



- UL recognized, CSA approved
- Temperature range up to +105 °C
- on request construction with metric conductor stranding

item no.	no. of cores x cross section n x AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02780804	4 x 8	0,41	17,9	448,6	602
02780604	4 x 6	0,41	22,5	750,4	964
02780404	4 x 4	0,41	27,6	1016,3	1356
02780204	4 x 2	0,41	31,5	1541,2	1891
02780104	4 x 1	0,41	33,9	1858,5	2341

Other dimensions and colours are possible on request.