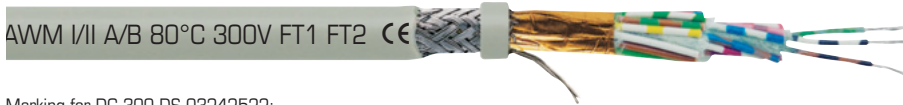


DC 300 DS

semi rigid PVC data cable with double screen



Marking for DC 300 DS 03242522:

SAB BRÖCKSKES · D-VIERSEN · 03242522 DC 300 DS 22 AWG/25c 03242225

AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

Construction:

Conductor:	tinned copper strands acc. to ASTM B 286
Insulation:	semi-rigid PVC
Colour code:	acc. to colour code US 2, see chapter N „Technical data“
Stranding:	in layers
Screen:	double screen, alu foil, tinned copper braiding with tinned drain wire (0,22 mm ²)
Sheath material:	PVC
Sheath colour:	grey (RAL 7032)

Technical data:

Peak operating voltage:	max. 350 V	
Voltage UL/CSA:	300 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 +80 °C
<i>fixed laying:</i>	-30/+70 °C	
<i>flexible application:</i>	-5/+70 °C	
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW1, 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:



- very good EMC characteristic
- small outer diameter
- small bending radius

item no.	no. of cores x cross section n x AWG	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
03240228	2 x 28	4,3	8,9	21
03240328	3 x 28	4,4	11,5	24
03240428	4 x 28	4,6	12,4	26
03240528	5 x 28	4,9	13,2	30
03240728	7 x 28	5,1	16,7	34
03241028	10 x 28	6,0	21,1	43
03241228	12 x 28	6,2	22,9	47
03241428	14 x 28	6,4	24,7	50
03241828	18 x 28	6,9	30,0	61
03242528	25 x 28	7,9	38,1	75
03240226	2 x 26	4,5	11,6	24
03240326	3 x 26	4,6	12,9	26
03240426	4 x 26	4,9	14,3	30
03240526	5 x 26	5,1	17,4	35
03240726	7 x 26	5,4	20,1	39
03241026	10 x 26	6,4	26,0	50
03241226	12 x 26	6,6	30,5	56
03241426	14 x 26	6,8	33,2	61
03241826	18 x 26	7,4	40,5	75
03242526	25 x 26	8,5	52,1	94

item no.	no. of cores x cross section n x AWG	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
03240224	2 x 24	4,7	13,3	27
03240324	3 x 24	4,9	15,5	30
03240424	4 x 24	5,1	19,5	35
03240524	5 x 24	5,5	21,7	41
03240724	7 x 24	5,8	27,9	48
03241024	10 x 24	6,9	36,5	63
03241224	12 x 24	7,1	41,0	70
03241424	14 x 24	7,3	45,4	77
03241824	18 x 24	8,0	56,3	95
03242524	25 x 24	9,3	75,9	122
03240222	2 x 22	5,0	15,8	31
03240322	3 x 22	5,2	21,0	37
03240422	4 x 22	5,5	24,5	42
03240522	5 x 22	5,9	29,8	51
03240722	7 x 22	6,3	36,7	60
03241022	10 x 22	7,5	50,9	80
03241222	12 x 22	7,7	57,9	90
03241422	14 x 22	8,0	64,9	100
03241822	18 x 22	8,8	80,9	124
03242522	25 x 22	10,3	109,5	164

Other dimensions and colours are possible on request.