



DC 300 DS TP Semi-rigid paired PVC data cable with double screen



Marking for DC 300 DS TP 03840326:
SAB BRÖCKSKES · D-VIERSEN · 03840326 DC 300 DS TP 26 AWG/3pr 03842603
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:	colour code US 3 see page N/13
Stranding:	cores twisted to pairs, pairs twisted in layers
Screen:	double screen, Alu-foil, tinned copper braiding with tinned drain wire (0,22 mm ²)
Sheath material:	PVC, YM1 acc. to DIN VDE 0207 part 5
Sheath colour:	grey (RAL 7032)

Outstanding features:

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

Technical data:

Voltage UL/CSA:	300 V
Peak operating voltage:	max. 350 V
Testing voltage:	800 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	
<i>fixed laying:</i>	-30/+70 °C
<i>flexible application:</i>	- 5/+70 °C
Fire performance:	UL/CSA up to + 80 °C up to + 80 °C
Oil resistance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW1, CSA FT1 + FT2
Absence of harmful substances:	acc. to internal standard, see page N/15 acc. to RoHS directive of the European Union see page N/17

item no.	no. of pairs x cross section n x 2 x AWG	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
03840228	2 x 2 x 28	5,1	13,0	29
03840328	3 x 2 x 28	5,5	14,7	34
03840428	4 x 2 x 28	6,1	18,0	40
03840528	5 x 2 x 28	6,5	19,8	46
03840728	7 x 2 x 28	6,9	24,9	53
03841028	10 x 2 x 28	7,9	31,9	67
03841428	14 x 2 x 28	9,0	40,7	85
03841828	18 x 2 x 28	9,6	49,5	104
03842528	25 x 2 x 28	10,8	63,8	130
03840226	2 x 2 x 26	5,4	14,9	33
03840326	3 x 2 x 26	5,9	19,2	40
03840426	4 x 2 x 26	6,6	23,5	48
03840526	5 x 2 x 26	7,0	26,2	56
03840726	7 x 2 x 26	7,3	31,7	63
03841026	10 x 2 x 26	8,5	43,2	83
03841426	14 x 2 x 26	9,8	56,1	108
03841826	18 x 2 x 26	10,5	68,8	133
03842526	25 x 2 x 26	11,8	90,1	166

item no.	no. of pairs x cross section n x 2 x AWG	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
03840224	2 x 2 x 24	5,8	19,9	39
03840324	3 x 2 x 24	6,3	24,4	47
03840424	4 x 2 x 24	7,1	30,5	58
03840524	5 x 2 x 24	7,6	36,6	69
03840724	7 x 2 x 24	7,9	45,5	80
03841024	10 x 2 x 24	9,2	62,4	106
03841424	14 x 2 x 24	10,7	82,4	140
03841824	18 x 2 x 24	11,5	102,2	173
03842524	25 x 2 x 24	12,9	137,1	220
03840222	2 x 2 x 22	6,3	25,0	47
03840322	3 x 2 x 22	6,8	33,5	59
03840422	4 x 2 x 22	7,7	42,2	72
03840522	5 x 2 x 22	8,3	50,8	87
03840722	7 x 2 x 22	8,7	64,8	104
03841022	10 x 2 x 22	10,2	89,4	141
03841422	14 x 2 x 22	11,8	119,7	185
03841822	18 x 2 x 22	12,7	151,0	232
03842522	25 x 2 x 22	14,7	200,2	308

Other dimensions and colours are possible on request.