

Data and telephone Cables



DC 300 DS Semi-rigid PVC data cable / 이중섀드 케이블



RoHS

Marking for DC 300 DS 03242526 :
SAB BROCKSKES D-VIERSEN 03242526 DC 300 DS 26 AWG/25c
03242625 AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

Construction (케이블구성)

Conductor (도체)	tinned copper strands acc.to. ASTM B 286
Insulation (내피재질)	semi-rigid PVC
Core code (코어식별)	colour code US 2 별첨참조
Stranding (도체연합)	in layers
Screen (섀드형식)	double screen, Alu-foil plus tinned copper braiding with tinned drain wire (AWG 24/7)
Sheath material (외피재질)	PVC, YM1 acc. to DIN VDE 0207 part 5
Sheath colour (외피색상)	grey (RAL 7032)

Outstanding features (특징)

- ▶ very good EMC characteristic (탁월한 EMC기능)
- ▶ small outer diameter (작은외경)
- ▶ small bending radius (최소곡률반경)

Technical data (기술사항)

Voltage UL / CSA (전압)	300V
Peak operating voltage (최고사용전압)	max. 350V
Testing voltage (시험전압)	800V
Min. bending radius (곡률반경)	
fixed laying	5 x d
flexible application	10 x d
Radiation resistance (내방사성)	8 x 10 ⁷ cJ/kg
Temperature range (사용온도)	UL / CSA
fixed laying	-30 / +70°C up to +80
flexible application	-5 / +70°C up to +80
Fire performance (내화성관련)	acc. to IEC 60332-1, UL VW1
Oil resistance (내유성)	별첨 참조

item no.	no. of cores x cross section n x AWG	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
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
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

item no.	no. of cores x cross section n x AWG	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
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
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

Other dimensions and colours are possible on request.

Note

- ✓ 이중섀드 :
알루미늄호일 섀드 상부에
드레인 와이어 삽입한 구리망
섀드로 완벽한 EMC효과
보장