



# HIFLEX® CONTROL DS 300 125°C

General shielded

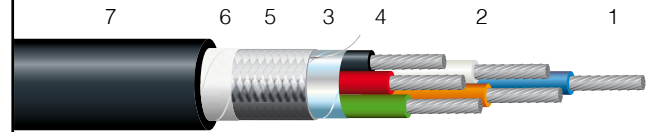
- 300 V
- Operating temp. -50°C to +125°C
- High flexibility (>11 millions cycles in cable carrier)
- Excellent mechanical strength
- Excellent chemical & UV resistance
- Enhanced fire performance

**Construction**

- 1- Stranded tin plated copper conductor
- 2- Extruded TPE insulation
- 3- Aluminum / PET tape
- 4- Tinned copper drain wire
- 5- Tinned copper braid
- 6- Separating tape
- 7- TPE jacket

**Approvals - standards**

- Compliance UL/cUL file E93624
- RoHS Compliant



Use: External interconnection of electronic equipment

**Standard products**

Color coding = ICEA Method 1 Table E-1 (formerly K-1)  
Outer jacket standard color: Black  
Surface marking

UL		20237					
cUL		AWM II A/B					
Nb of Singles	AWG Size	Nominal stranding (Nb x AWG)	Insulation wall (in)	Double Shield thickness (in)	Jacket thickness (in)	Nominal OD (in)	Approx. linear weight (lbs/mft)
2	24	7 x 32	.015	.016	.030	.185	20.4
3	24	7 x 32	.015	.016	.030	.205	24.7
4	24	7 x 32	.015	.016	.030	.220	28.6
6	24	7 x 32	.015	.016	.030	.255	37.2
8	24	7 x 32	.015	.016	.030	.285	44.8
2	22	7 x 30	.015	.016	.030	.195	24.6
3	22	7 x 30	.015	.016	.030	.215	29.1
4	22	7 x 30	.015	.016	.030	.235	34.2
6	22	7 x 30	.015	.016	.030	.270	45.0
8	22	7 x 30	.015	.016	.030	.300	54.8
2	20	7 x 28	.015	.016	.030	.210	29.4
3	20	7 x 28	.015	.016	.030	.230	35.5
4	20	7 x 28	.015	.016	.030	.255	42.3
6	20	7 x 28	.015	.016	.030	.295	56.4
8	20	7 x 28	.015	.016	.030	.335	69.9
2	18	19 x 30	.015	.016	.030	.230	37.7
3	18	19 x 30	.015	.016	.030	.250	46.8
4	18	19 x 30	.015	.016	.030	.275	56.6
6	18	19 x 30	.015	.016	.030	.325	77.2
8	18	19 x 30	.015	.016	.030	.365	96.5
2	16	26 x 30	.015	.016	.030	.245	44.6
3	16	26 x 30	.015	.016	.030	.270	56.1
4	16	26 x 30	.015	.016	.030	.300	68.7
6	16	26 x 30	.015	.016	.030	.355	94.6
8	16	26 x 30	.015	.016	.030	.400	119.0
Flame ratings		Cable Flame					

Other number of singles and AWG sizes on request

Other style nos. available: please consult our complete list of UL approved styles (pages 92 to 96)

Further information concerning conducting metal: please consult our complete list of UL approved styles (pages 92 to 96)

UL approved only



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