



## H - UL 21946 (80°C 300V)

Halogenfree electronic cable  
acc to UL AWM, Style 21946 (80°C, 300V)

### APPLICATION

External, halogenfree and flame retardant cable for flexing requirements

### CONSTRUCTION

<b>Conductor</b>	tin-plated copper
<b>Stranding</b>	7-strands
<b>Insulation</b>	FR-PE, halogenfree
<b>Colours</b>	DIN 47100 (optional)
<b>Laying</b>	in lays
<b>Jacket</b>	FR-PE, halogenfree
<b>Jacket colour</b>	grey, similar to RAL 7032
<b>Surface marking</b>	acc to UL (File- and Style-No.)

### TECHNICAL DATA

<b>Test voltage</b>	1500 V
<b>Operating voltage</b>	300 V
<b>Temperature range static</b>	-30°C to +80°C
<b>Temperature range operating</b>	-20°C to +80°C
<b>Bending radius once/repeated</b>	7,5 x / 15 x outer diameter
<b>Flame retardant</b>	UL 1581 (Sec 1061) / IEC 60332-1-2

### REMARKS

Shielded versions available,  
the same small dimensions as Style 2464  
Halogenfree (IEC 60754-1)  
No corrosive gases (IEC 60754-2)  
Low smoke development by fire (IEC 61034-2)

No of Cores	Cross Section (mm <sup>2</sup> ) / AWG	Copper Index (kg/km)	Outer Ø ca. mm	P/N
2	0,14/AWG26	2,8	3,70	06030102
3	0,14/AWG26	4,2	3,80	06030103
4	0,14/AWG26	5,6	4,10	06030104
5	0,14/AWG26	7	4,40	06030105
6	0,14/AWG26	8,4	4,70	06030106
2	0,23/AWG24	4,6	4,10	06030202
3	0,23/AWG24	6,9	4,20	06030203
4	0,23/AWG24	9,2	4,50	06030204
5	0,23/AWG24	11,5	4,90	06030205
6	0,23/AWG24	13,8	5,40	06030206
12	0,23/AWG24	27,6	6,80	06030212
16	0,23/AWG24	36,8	7,50	06030216
2	0,35/AWG22	7	4,30	06030402
3	0,35/AWG22	10,5	4,40	06030403
4	0,35/AWG22	14	4,80	06030404
5	0,35/AWG22	17,5	5,30	06030405
6	0,35/AWG22	21	5,70	06030406

