



Application

Uni-Cable's halogen free cables are used as drag chain cables for frequent and quick lifting and bending stresses in machine engineering and construction, in robot technology and on permanently moving machine components.

Standards

UL AWM Style 20233

CSA AWM I/II A/B

Construction

Conductor: Stranded bare copper, class 6 according to VDE 0295/BS 6360.

Insulation: Polyolefin.

Sheath: Full polyurethane sheath TPU.

Technical data

Rated Voltage U ₀ /U (Um)	300V
Operating Temperatures	flexing: -40°C~+80°C; fixed: -50°C~+80°C
Minimum Bending Radius	flexing: 5×OD; fixed: 3×OD
Flame Retardant	VDE 0482-332-1-2/DIN EN 60332-1-2/IEC 60332-1
Oil Resistant	Yes
Halogen Free	Yes
Ozone, Oxygen Resistant	Yes
Silicone Free	Yes
UV Resistant	Yes
Abrasion Resistance	Yes

Dimensions

CONSTRUCTION	NOMINAL OVERALL DIAMETER	NOMINAL WEIGHT
NO. OF CORES×MM ²	MM	KG / KM
26AWG		
2×0.14	3.9	22
3×0.14	4.0	24
4×0.14	4.3	29
5×0.14	4.7	33
7×0.14	5.3	47
10×0.14	6.1	57
12×0.14	6.2	63
14×0.14	6.5	72

18×0.14	7.2	80
24×0.14	8.2	110
25×0.14	8.6	115
24AWG		
2×0.25	4.3	26
3×0.25	4.5	30
4×0.25	4.8	39
5×0.25	5.2	44
7×0.25	6.0	52
10×0.25	6.9	70
12×0.25	7.1	84
14×0.25	7.4	97
18×0.25	8.2	114
24×0.25	9.6	157
25×0.25	10.1	160
22AWG		
2×0.34	4.6	31
3×0.34	4.8	38
4×0.34	5.2	51
5×0.34	5.6	54
7×0.34	6.5	77
10×0.34	7.5	104
12×0.34	7.7	122
14×0.34	8.1	140
18×0.34	9.2	162
24×0.34	10.7	204
25×0.34	11.2	229

Other dimensions and colours are possible on request.