



Application

Uni-Cable's halogen free cables are used as drag chain cables for permanent flexible stresses in machineries, machines and tool building, robot systems, constantly moving machine components and multi-shift-operation.

Standards

UL AWM Style 20233

CSA AWM I/II A/B

Construction

Conductor: Stranded bare copper, class 6 according to VDE 0295/BS 6360/IEC 60228.

Insulation: Polyolefin.

Screen: Tinned copper wire braid.

Sheath: Full polyurethane sheath TPU.

Technical data

Rated Voltage U ₀ /U (U _m)	350V
Operating Temperatures	flexing: -40°C~+80°C; fixed: -50°C~+80°C
Minimum Bending Radius	flexing: 10×OD; fixed: 5×OD
Flame Retardant	VDE 0482-332-1-2/DIN EN 60332-1-2/IEC 60332-1
Halogen Free	Yes
Oil Resistant	Yes
Ozone 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
24AWG		
1×2×0.25	4.8	26
2×2×0.25	6.7	61
3×2×0.25	7.1	70
4×2×0.25	7.6	82
5×2×0.25	8.3	99
6×2×0.25	8.9	126
8×2×0.25	9.3	147
10×2×0.25	11.7	179

14×2×0.25	12.7	210
22AWG		
1×2×0.34	5.1	35
2×2×0.34	7.2	80
3×2×0.34	7.6	100
4×2×0.34	8.2	118
5×2×0.34	9.0	134
6×2×0.34	9.7	162
8×2×0.34	10.3	214
10×2×0.34	12.8	270
14×2×0.34	13.8	304
20AWG		
1×2×0.5	5.6	47
2×2×0.5	8.4	100
3×2×0.5	8.9	131
4×2×0.5	9.7	149
5×2×0.5	10.7	169
6×2×0.5	11.7	181
8×2×0.5	12.4	274
10×2×0.5	15.6	332
14×2×0.5	17.1	390
19AWG		
1×2×0.75	6.1	56
2×2×0.75	9.1	102
3×2×0.75	9.6	144
4×2×0.75	10.7	160
5×2×0.75	11.7	193
6×2×0.75	12.9	216
8×2×0.75	13.7	327
10×2×0.75	17.2	451

14×2×0.75	18.8	521
18AWG		
1×2×1	6.5	64
2×2×1	10.0	120
3×2×1	10.6	160
4×2×1	11.7	184
5×2×1	13.2	217

Other dimensions and colours are possible on request.