



Data Cable

PUR Sheathed, Screened, Halogen Free Data Cable

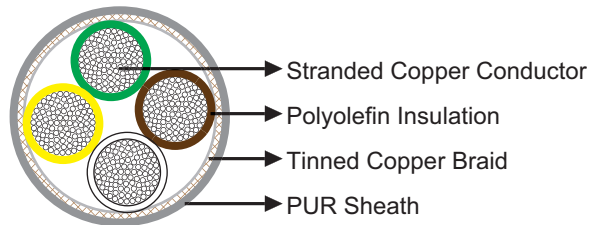
» Application

These halogen free cables are used as drag chain cables for frequent and fast lifting and bending stresses in machines and tool building, robot systems and constantly 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.

Screen: Tinned copper wire braid.

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: 7.5×OD; fixed: 4×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 and Weight

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
26AWG		
2×0.14	4.3	32
3×0.14	4.6	35
4×0.14	4.8	40
5×0.14	5.1	45
7×0.14	5.8	66
10×0.14	6.8	86
12×0.14	7.4	94
14×0.14	7.4	102
18×0.14	7.8	118
24×0.14	8.8	149
25×0.14	9.2	156
24AWG		
2×0.25	5.0	38
3×0.25	5.2	44
4×0.25	5.6	51
5×0.25	5.9	68
7×0.25	6.8	82
10×0.25	8.3	110
12×0.25	8.4	124
14×0.25	8.9	135
18×0.25	9.5	150
24×0.25	10.8	194
25×0.25	11.3	204
22AWG		
2×0.34	5.4	45
3×0.34	5.7	60
4×0.34	6.0	76
5×0.34	6.5	82
7×0.34	7.7	110
10×0.34	9.1	148
12×0.34	10.0	166
14×0.34	10.0	185
18×0.34	10.6	216
24×0.34	12.1	291
25×0.34	12.8	305