

# HELUPOWER® SJOOW



**SJ: Junior service cord - OO: oil-resistant insulation & jacket - W: water resistant, 300 V, 90°C**



UL SJOOW 90°C SUN & WATER RES 300 V FT2 CSA TYPE SJOOW 90°C FT2

## TECHNICAL DATA

Rubber control and connection cable acc. to UL Std. 62, CSA Std. C22.2 No. 49

**Temperature range** flexing -20°C to +90°C  
static -40°C to +90°C

**Permissible operating temperature of the conductor** +90°C

**Nominal voltage** AC U 300 V

**Test voltage conductor/conductor** 2500 V

**Minimum bending radius** flexing 10x Outer Ø  
static 6x Outer Ø

- Outer jacket: rubber (CPE)
- Jacket color: black

## PROPERTIES

- Resistant to: oil, ozone, weathering effects, greases, water, UV radiation (SUN RES)
- For outdoor use

## TESTS

- Flame-retardant acc. to CSA FT2
- Certifications and approvals: Mine Safety and Health Administration (MSHA), U.S. Department of Labor For Class 1 Div. 2 explosive environments acc. to NEC Art. 501

## CABLE STRUCTURE

- Copper wire bare, finely stranded, AWG sizes
- Conductor insulation: rubber (EPR)
- Conductor identification:  
2 conductor(s): BK, WT  
3 conductor(s): BK, WT, GN  
4 conductor(s): BK, WT, RD, GN
- x = without protective conductor
- Conductors stranded with optimal lay lengths
- Wrapping

## APPLICATION

Standardized, heavy, rubber-jacketed cable for usage in dry, moist, wet rooms as well as outdoors. Used as supply cable in industrial plants and processing facilities, for cranes, hand lamps, lifting devices, construction machinery and motors.

Part no.	No. conductors x AWG No.	Outer Ø min - max mm	Current carrying capacity*	Cu weight kg/km	Weight kg/km, approx.
11131802	2 x 18	7.2 - 8.0	10	15.8	84.0
11131803	3 x 18	7.7 - 8.5	10	23.7	100.0
11131804	4 x 18	8.3 - 9.2	7	31.6	106.0
11131602	2 x 16	7.8 - 8.6	13	25.2	94.0
11131603	3 x 16	8.3 - 9.1	13	37.7	112.0
11131604	4 x 16	8.9 - 10.0	10	50.3	139.0
11131402	2 x 14	8.6 - 9.5	18	39.9	123.0
11131403	3 x 14	9.2 - 10.0	18	59.9	152.0

Part no.	No. conductors x AWG No.	Outer Ø min - max mm	Current carrying capacity*	Cu weight kg/km	Weight kg/km, approx.
11131404	4 x 14	10.0 - 11.0	15	79.9	191.0
11131202	2 x 12	10.3 - 11.6	25	63.4	180.0
11131203	3 x 12	10.8 - 12.1	25	95.0	217.0
11131204	4 x 12	11.8 - 13.2	20	126.7	270.0
11131002	2 x 10	13.7 - 15.4	30	101.0	322.0
11131003	3 x 10	14.4 - 16.1	30	151.5	376.0
11131004	4 x 10	15.9 - 17.8	25	202.0	525.0

\*) Current carrying capacity at 30°C in air