

HELUCORD 600 SOOW, rubber-jacketed cable



Technical Data

- Rubber-jacketed cable according to UL Std. 62 & CSA Std. C22.2 No.49
- Temperature range UL/CSA -40°C to +90°C
- Nominal voltage 600 V

Cable Structure

- Bare copper conductors
- EPDM conductor insulation
- Conductor identification
2 conductors: black, white
3 conductors: black, white, green
4 conductors: black, white, red, green
5 conductors: black, white, red, orange, green
- Conductors stranded in layers with optimal lay lengths
- Separator
- CPE outer jacket
- Jacket color - black (RAL 9005)
- Sequential meter marking

Properties

- Flame retardant material in accordance with CSA FT1 and FT2
- UV-resistant
- Water resistant
- Ozone resistant

Tests

UL: Standard 62, Class 1 Div. 2 per NEC Art. 501.140, NEC Art. 400, Federal Spec JC580, MSHA Flame Test (P-136-MSHA)

CSA: Standard C22.2 No. 49, FT-1 and FT-2 Flame Test

Application

SOOW Type Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2011 National Electrical Code. Approved for indoor and outdoor use. SOOW Flexible Cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights, welding leads, marine dockside power, power extensions and mining applications.

Part No.	No. of conductors x cross sec. mm ²	AWG No.	Outer Ø approx. mm	Cop. Weight kg/km	Weight approx. kg/km	Part No.	No. of conductors x cross sec. mm ²	AWG No.	Outer Ø approx. mm	Cop. Weight kg/km	Weight approx. kg/km
11161802	2 x 0,823	18	8,8	14,9	123,2	11160803	3 x 8,366	8	21,0	236,6	688,7
11161803	3 x 0,823	18	9,3	22,4	145,7	11160804	4 x 8,366	8	23,5	315,5	903,2
11161804	4 x 0,823	18	9,9	29,8	150,1	11160805	5 x 8,366	8	25,6	394,4	1077,4
11161805	5 x 0,823	18	11,8	37,3	206,4	11160603	3 x 13,30	6	23,9	374,9	932,6
11161602	2 x 1,31	16	9,4	24,2	134,1	11160604	4 x 13,30	6	26,7	499,9	1216,8
11161603	3 x 1,31	16	9,9	26,4	159,6	11160605	5 x 13,30	6	29,0	62,9	1459,2
11161604	4 x 1,31	16	10,7	48,5	184,8	11160403	3 x 21,20	4	27,2	544,9	1278,4
11161605	5 x 1,31	16	12,6	60,6	247,8	11160404	4 x 21,20	4	30,4	726,6	1664,7
11161402	2 x 2,08	14	13,0	38,2	248,0	11160405	5 x 21,20	4	33,0	908,2	1995,6
11161403	3 x 2,08	14	13,6	57,3	284,5	11160203	3 x 33,60	2	31,8	904,0	1814,4
11161404	4 x 2,08	14	14,6	76,4	334,6	11160204	4 x 33,60	2	35,4	1205,4	2355,3
11161405	5 x 2,08	14	16,4	95,5	412,6	11160205	5 x 33,60	2	38,5	1506,7	2830,3
11161202	2 x 3,30	12	14,5	60,6	321,4						
11161203	3 x 3,30	12	15,1	90,9	369,4						
11161204	4 x 3,30	12	16,5	121,2	446,7						
11161205	5 x 3,30	12	18,2	151,5	536,3						
11161002	2 x 5,26	10	15,7	96,9	400,1						
11161003	3 x 5,26	10	16,8	145,1	481,7						
11161004	4 x 5,26	10	18,2	193,9	578,3						
11161005	5 x 5,26	10	19,6	242,4	673,4						