

# SOOW

## rubber-sheathed cable



UL SOOW 90°C SUN & WATER RES 600 V FT2 CSA TYPE SOOW 90°C FT2

### Technical data

- Rubber-sheathed cable acc. to UL Std.62  
CAN/CSA-C 22.2 No.49
- UL - SOOW  
CSA - SOOW
- **Temperature range**  
-40°C to +90°C
- Permissible **operating temperature**  
at the conductor +90°C
- **Nominal voltage**  
600 V
- **Test voltage**  
2500 V
- **Minimum bending radius**  
flexing 6x cable Ø

### Cable structure

- Copper-conductor bare or tinned, fine wire stranded with AWG dimensions
- Core insulation of rubber (EPR)
- Core identification  
3 cores: BK, WH, GN  
4 cores: BK, WH, RD, GN  
5 cores: BK, WH, RD, GN, OG
- Cores stranded in layers with optimal lay length
- Separator
- Outer sheath of rubber (CPE)
- Sheath colour: black

### Properties

- Ozone-resistant
- Weather and UV resistant
- Resistant to oils and greases

### Tests

- CSA FT2

### Application

Approved, heavy rubber-sheathed 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 machineries and motors.

Part no.	No. cores x AWG-No.	Current carrying capacity at +30°C (A)	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
38548	3 x 18	10	9,1	24,0	110,0
38549	4 x 18	7	9,8	32,0	130,0
38550	5 x 18	5,6	11,7	40,0	183,0
38551	3 x 16	13	10,1	38,0	134,0
38552	4 x 16	10	10,6	51,0	160,0
38553	5 x 16	8	12,5	63,0	222,0
38554	3 x 14	18	13,3	60,0	240,0
38555	4 x 14	15	14,4	80,0	286,0
38556	5 x 14	12	16,4	100,0	374,0
38557	3 x 12	25	15,2	95,0	323,0
38558	4 x 12	20	16,5	127,0	389,0
38559	5 x 12	16	17,8	159,0	475,0

Part no.	No. cores x AWG-No.	Current carrying capacity at +30°C (A)	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
38560	3 x 10	30	16,5	152,0	419,0
38561	4 x 10	25	18,0	202,0	500,0
38562	5 x 10	20	19,3	253,0	609,0
38563	3 x 8	40	21,1	241,0	673,0
38564	4 x 8	35	23,5	322,0	859,0
38565	5 x 8	28	25,4	402,0	1017,0
11007274	3 x 6	55	24,6	383,0	954,0
11007223	4 x 6	45	26,9	517,0	1169,0
11007275	5 x 6	36	30,0	638,0	1463,0
11007276	3 x 4	70	28,7	610,0	1359,0
11007277	4 x 4	60	31,8	814,0	1721,0
11007278	3 x 2	95	33,1	968,0	1916,0
11007279	4 x 2	80	36,8	1290,0	2447,0

Dimensions and specifications may be changed without prior notice. (RF01)