

SOOW

rubber-sheathed cable



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

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.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Part no.	Cross-section mm ² x AWG-No.	No.cores	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
38548	1	3 x 18	9,1	24,0	110,0
38549	1	4 x 18	9,8	32,0	130,0
38550	1	5 x 18	11,7	40,0	183,0
38551	1,5	3 x 16	10,1	38,0	134,0
38552	1,5	4 x 16	10,6	51,0	160,0
38553	1,5	5 x 16	12,5	63,0	222,0
38554	2,5	3 x 14	13,3	60,0	240,0
38555	2,5	4 x 14	14,4	80,0	286,0
38556	2,5	5 x 14	16,4	100,0	374,0

Part no.	Cross-section mm ² x AWG-No.	No.cores	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
38557	4	3 x 12	15,2	95,0	323,0
38558	4	4 x 12	16,5	127,0	389,0
38559	4	5 x 12	17,8	159,0	475,0
38560	6	3 x 10	16,5	152,0	419,0
38561	6	4 x 10	18,0	202,0	500,0
38562	6	5 x 10	19,3	253,0	609,0
38563	10	3 x 8	21,1	241,0	673,0
38564	10	4 x 8	23,5	322,0	859,0
38565	10	5 x 8	25,4	402,0	1017,0

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