



We Make Modern
Life Possible

SPECIAL CABLES

FLEXICS® S1BC4Q-F

PUR cable for submersible motor pumps,
screened



TECHNICAL DATA



Test Voltage
3500 V / 50 Hz



Rated Voltage
0.6/1 kV (U₀/U)



Bending radius (min.)
Fixed installation: 6 x Ø of cable
Flexible use: 10 x Ø of cable



Core identification
Colours according to CENELEC HD 308 S2



Temperature range
Operating temperature: -40°C up to 90°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 200°C

DESIGN



1

Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228

2

Core insulation of special compound based on cross-linked polymer (XLPE)

3

Cores are stranded together with optimal lay-length

4

Plastic bonded aluminium tape and tinned copper wire braiding

5

Special polyurethane (PUR) outer sheath, colour: yellow (RAL 1021)

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
4 G 16	25.8	782	1016
4 G 25	31.3	1114	1447
4 G 35	34.6	1610	1989
4 G 50	39.6	2215	2684
1 x 70	19.9	805	950
4 G 70	42.9	3180	3612
1 x 95	23.2	1058	1139
1 x 120	25.4	1266	1412
1 x 150	27.4	1625	1731
1 x 185	31.2	2016	2100
1 x 240	33.5	2518	2670

CONTACT PERSON**Dipl. Ing. Peter Tomka**+421 37 6969631
peter.tomka@ics-cables.sk