

# Round Neoprene Cable with Strainer

## Cable Application

For installation exposed to rough environmental conditions e.g. conveyor and hoisting equipment and building machinery. Application where weather proof cables in big lengths are used.

## Technical Information

<b>Conductor:</b>	Stranded bare copper
<b>Strainer:</b>	Supporting core to relieve stress
<b>Insulation:</b>	EPR (Ethylene Propylene Rubber)
<b>Outer Sheath:</b>	Black neoprene
<b>HOFR:</b>	Flame retardant
<b>Core Marking:</b>	<b>1 to 5 cores:</b> according to VDE 0293 (colour coded) <b>6 cores:</b> number coded (JZ)
<b>Voltage:</b>	<b>Working:</b> 500V • <b>Test:</b> 3000V
<b>Temperature Range:</b>	<b>Flexing:</b> -25°C to + 80°C • <b>Static:</b> -40°C to + 80°C
<b>Bending Radius:</b>	12,5 x Ø

Cores	Cross section mm <sup>2</sup>	Outer diameter mm	Weight kg/100m
2	1	7.4	9.1
3	1	9.5	11.6
4	1	8.9	14.2
5	1	10.4	17.1
7	1	11.8	23
9	1	13.6	26.8
12	1	15.9	39
16	1	16.4	43
18	1	17.3	47.5
20	1	20.5	51
24	1	20.6	65
36	1	24.3	94
48	1	29.6	124.5
54	1	33	158
61	1	31.6	153
2	1.5	8	9.6
3	1.5	9.5	14.1
4	1.5	11.8	22
5	1.5	12	23
7	1.5	12.8	27
8	1.5	13.8	31
9	1.5	14.8	33.5
10	1.5	17	40.6
11	1.5	20.1	45.8
12	1.5	19	51
13	1.5	22.1	57.1

Cores	Cross section mm <sup>2</sup>	Outer diameter mm	Weight kg/100m
15	1.5	23.6	59
18	1.5	19.4	63
19	1.5	21.7	67
24	1.5	22.4	82
42	1.5	28	137
2	2.5	9.7	14.3
3	2.5	10.2	17.3
4	2.5	11.3	24.2
5	2.5	12.4	28.9
7	2.5	14.8	28.9
8	2.5	16.6	45.1
9	2.5	18.9	54.2
12	2.5	21.9	71
16	2.5	24.4	81.3
18	2.5	24.9	88
24	2.5	26.4	120
36	2.5	33.3	173.7
4	4	17.2	40
5	4	16.8	43.3
4	6	18.8	52.4
5	6	19.2	56.9
4	10	21.8	72.5
5	10	24.6	92.3
4	16	25.4	102.8
5	16	28	126

Core and Size mm <sup>2</sup>	Nominal O/Dia mm	Weight kg/km	Core and Size mm <sup>2</sup>	Nominal O/Dia mm	Weight kg/km
5 x 1.5	12.3	218	12 x 1.5	18.9	500
5 x 2.5	14.5	309	12 x 2.5	22.0	720
5 x 4.0	16.9	450	19 x 1.5	22.5	715
5 x 6.0	18.8	595	19 x 2.5	26.0	1030
5 x 10.0	26.5	1,100	24 x 1.5	25.0	900
5 x 16.0	30.0	1,528	24 x 2.5	29.0	1,350
5 x 25.0	36.0	2,200	27 x 1.5	29.0	1,100
5 x 35.0	40.0	2,925	27 x 2.5	33.0	1,521
7 x 1.5	14.6	295	37 x 1.5	29.8	1,300
7 x 2.5	16.6	410	37 x 2.5	36.0	1,900

For current ratings refer to IEE Regulations tables 4F1 A and B on pages 122 to 123.