

These cables are designed for installation on cranes, on hoisting gear and conveyor systems, for example: in shipyards, steelworks and scrap yards.

They are weatherproof and thus suitable for use indoors, outdoors and under adverse conditions.

UL approved versions may be available on request.

Construction

stranded plain copper conductors

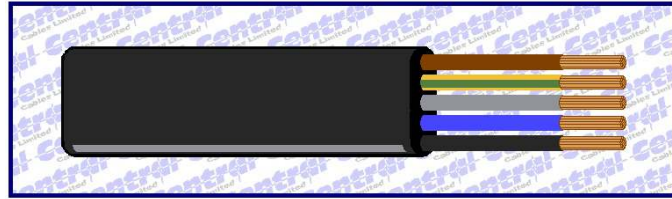
rubber core insulation, cores laid parallel or twisted in bunches then laid parallel

black neoprene (PCP) rubber outer sheath

<u>Technical</u>	
reference:	NGFLGOEU
conductor stranding:	up to 25mm ² = according to class 6, 35mm ² and above = to class 5 (VDE 0295 / IEC 60228 / BS EN 60228:2005)
bend radius:	10x depth of cable
voltage rating:	300/500 V operating, 2000V test
current rating:	see Flat, Crane & Drum Reeling chart
temperature range:	-35°C to +85°C flexible operating, -40°C to +85°C static operating +90°C maximum temperature at conductor
standards:	construction generally according to DIN VDE 0250 part 809 flame retardant according to IEC 60332-1
core identification:	3-5 cores = coloured to VDE 0293 including green/yellow earth 6+ cores = numbered black cores including green/yellow earth

Conductors		Cable Overall		
No. of	Area (mm ²)	Depth (mm)	Width (mm)	Weight (kg/km)
4	1.5	5.6-6.4	15.8-17.5	234
5	1.5	5.6-6.4	19.8-23.7	304
7	1.5	5.6-6.4	26.1-30.5	391
8	1.5	5.6-6.4	29.3-34.0	441
10	1.5	5.9-7.2	38.5-43.5	580
12	1.5	5.9-7.2	44.5-50.4	690
24	1.5	11.5-13.4	51.0-57.0	1330

Conductors		Cable Overall		
No. of	Area (mm ²)	Depth (mm)	Width (mm)	Weight (kg/km)
4	2.5	7.0-8.2	19.2-21.2	350
5	2.5	7.0-8.2	23.7-27.8	430
7	2.5	7.0-8.2	31.0-34.0	560
8	2.5	7.0-8.2	35.5-40.2	630
10	2.5	7.2-8.2	44.0-49.0	833
12	2.5	7.6-8.8	47.4-59.4	1020
24	2.5	15.0-17.5	66.8-72.5	2300



Conductors		Cable Overall			Conductors		Cable Overall		
No. of	Area (mm ²)	Depth (mm)	Width (mm)	Weight (kg/km)	No. of	Area (mm ²)	Depth (mm)	Width (mm)	Weight (kg/km)
4	4.0	8.2-9.6	22.7-26.0	506	4	25.0	13.7-15.0	44.8-49.5	1890
5	4.0	8.2-9.6	28.2-33.4	630	5	25.0	13.9-15.5	54.0-58.6	2215
7	4.0	8.2-9.6	37.8-40.8	830	7	25.0	15.3-16.4	75.8-78.7	3057
4	6.0	8.7-10.3	24.5-27.1	661	4	35.0	15.7-17.0	49.8-55.0	2460
5	6.0	8.7-10.3	31.5-37.4	780	7	35.0	16.3-17.4	84.0-86.4	4100
7	6.0	8.7-10.3	41.5-47.2	1010	4	50.0	18.0-19.6	57.5-63.0	3385
4	10.0	10.1-11.2	30.6-33.4	1027	4	70.0	19.0-22.6	58.0-71.0	4480
5	10.0	10.1-11.2	38.0-42.0	1171	4	95.0	23.6-25.2	74.0-78.7	5990
7	10.0	10.4-11.5	54.1-56.1	1260	4	120.0	25.5-27.6	74.2-86.7	7240
4	16.0	11.6-13.1	35.5-38.8	1430					
5	16.0	11.6-13.1	44.0-48.2	1590					
7	16.0	11.8-13.7	58.0-66.4	2140					

PCP Rubber (Polychloroprene) Properties: this self-extinguishing compound, also known as or Neoprene has excellent resistance to oxygen, UV, ozone & water and very good resistance to acids, alkalis & solvents. It has good abrasion resistance but has poor fuel resistance, poor tear resistance and low gas permeability.

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