



These cables are designed for installation on cranes, on hoisting gear and conveyor systems, for example: in shipyards, steelworks and scrap yards. The braid screens provide protection against electrical interference (EMC).

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
- copper wire braid screening around each core
- screened cores laid parallel
- black neoprene (PCP) outer sheath

### Technical

conductor stranding:	according to class 5 or 6 (VDE 0295 / IEC 60228 / BS EN 60228:2005)
bend radius:	10x depth of cable
voltage rating:	300/500 V operating, 2000V test (600/1000V may be available on request)
current rating:	see Flat, Crane & Drum Reeling chart
temperature range:	-35°C to +60°C flexible (some versions -25°C to +90°C) -40°C to +80°C static (some versions -40°C to +90°C) +90°C maximum at conductor
standards:	flame retardant according to IEC 60332-1
core identification:	3-5 cores = coloured to VDE 0293 including earth 6+ cores = numbered black cores inc. green/yellow earth

Conductors		Cable Overall		
Number of	Area (mm <sup>2</sup> )	Depth (mm)	Width (mm)	Weight (kg/km)
4	1.5	6.5-8.0	18.5-21.5	350
8	1.5	7.2-8.2	36.0-42.0	542
12	1.5	7.7-8.7	54.5-61.0	896
4	2.5	7.5-8.7	22.5-25.5	420
6	2.5	8.0-9.0	32.5-34.5	574
12	2.5	8.7-9.5	64.0-69.5	1180



Conductors		Cable Overall		
Number of	Area (mm <sup>2</sup> )	Depth (mm)	Width (mm)	Weight (kg/km)
4	4.0	9.5-10.5	27.6-29.0	562
4	6.0	9.7-10.7	30.2-31.2	605
4	10.0	11.5-12.1	35.9-36.9	934
4	16.0	13.0-14.0	40.7-41.7	1293
4	25.0	14.8-15.8	46.5-47.5	1647
4	35.0	16.4-17.4	53.2-55.0	2520
4	50.0	19.5-20.5	61.6-66.0	3169
4	70.0	22.9-24.0	75.0-77.0	4742
4	95.0	24.3-25.3	79.1-81.9	5664

**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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