



These cables are designed for installation on cranes, on hoisting gear and conveyor systems, for example: in shipyards, steelworks and scrap yards. The tinned or plain copper wire braid screening provides 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

tinned or plain copper wire braid screening
(can be screened individually or in bundles)

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 (mm²)	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 (mm²)	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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