



These tough and flexible cables are designed for supplying power to industrial equipment in temporary building sites. The copper braid screen provides both electrical & mechanical protection.

Suitable for use indoors or outdoors, including in wet or oily environments. Outer sheath is heat resistant, oil resistant and flame retardant (HOFR).

Construction

- fine stranded tinned copper conductors
- rubber compound core insulation
- cores twisted together with rubber bedding
- tinned copper wire braid (TCWB) screen
- black HOFR rubber outer sheath

Technical

conductor stranding:	according to class 5 (IEC 60228 / BS EN 60228:2005)
bend radius:	8x overall diameter O/D flexing
voltage rating:	(usually up to 2.5mm ²) = 300/500V operating 680-TQ (usually 4.0mm ² & above) = 450/750V operating
temperature range:	-25°C to +60°C, should not be installed below 0°C
standards:	380-P/380-TQ construction generally according to BS6500 680-TQ = construction generally according to BS6007 flame retardant according to IEC 60332-1
core identification:	2 cores = coloured to VDE 0293 without earth 3-5 cores = coloured to VDE 0293 including green/yellow earth 6+ cores = numbered black cores including green/yellow earth

Number of Cores	Conductor Area (mm ²)	Overall Diameter (mm)	Overall Weight (kg/km)	Number of Cores	Conductor Area (mm ²)	Overall Diameter (mm)	Overall Weight (kg/km)
2	0.75	9.7	149	3	1.5	13.1	274
2	1.0	11.1	169	3	2.5	15.6	366
2	1.5	12.3	236	3	4.0	21.3	715
2	2.5	14.8	307	3	6.0	24.8	955
2	4.0	19.8	578	3	10.0	30.7	1450
				3	16.0	33.8	1840
3	0.75	10.3	170	3	25.0	39.6	2620
3	1.0	11.4	200				



Number of Cores	Conductor Area (mm ²)	Overall Diameter (mm)	Overall Weight (kg/km)	Number of Cores	Conductor Area (mm ²)	Overall Diameter (mm)	Overall Weight (kg/km)
4	0.75	11.1	198	12	0.75	16.8	449
4	1.0	12.1	230	12	1.5	22.5	775
4	1.5	14.2	320	12	2.5	26.0	1060
4	2.5	17.0	420				
4	4.0	23.6	874	16	0.75	18.5	544
4	6.0	27.1	1147	16	1.5	25.3	1010
4	10.0	33.3	1730	16	2.5	28.9	1330
4	16.0	37.2	2310				
4	25.0	43.2	3170	18	0.75	19.9	629
4	35.0	47.9	3990	18	1.5	26.6	1115
4	50.0	55.1	5320	18	2.5	30.9	1561
5	0.75	11.9	233	20	0.75	21.2	713
5	1.0	12.7	272	20	1.5	27.8	1220
5	1.5	15.4	373	20	2.5	32.9	1790
5	2.5	17.4	502				
				25	0.75	23.6	866
6	0.75	13.1	272	25	1.5	30.8	1430
6	1.5	16.8	438	25	2.5	36.3	2140
6	2.5	19.2	593				
				30	0.75	25.0	986
8	0.75	15.2	350	30	1.5	33.2	1760
8	1.5	19.7	575	30	2.5	38.7	2440
8	2.5	23.4	856				

PCP (polychloroprene) properties: this self-extinguishing compound, also known as 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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