



These exceptionally sturdy and flexible welding cables are designed for use under adverse conditions.

Suitable for applications indoors or outdoors and in damp or oily areas

Can also be described as HOFR = Heat and Oil Resistant, Flame Retardant

Construction

stranded plain or tinned copper conductors usually has a synthetic film separating layer ethylene propylene rubber (EPR) insulation black or orange chlorosulfonated polyethylene rubber (CSP) outer sheath

Technical

conductor stranding:	up to 95mm ² = according to class 6, 120mm ² and above = class 5 (VDE 0295 / IEC 60228 / BS EN 60228:2005)
bend radius:	6 x overall diameter (O/D) fixed, 12 x O/D flexing
voltage rating:	100V operating, 1000V test
current rating:	see rubber sheathed welding chart
temperature range:	-25°C to +85°C flexible operating
standards:	construction generally to BS638 part 4 flame retardant according to BS EN 60332-1-2 (BS EN 50265-2-1)

Area (mm ²)	Diameter (mm)	Weight (kg/km)	Area (mm ²)	Diameter (mm)	Weight (kg/km)
16	8.8 – 11.0	220	95	17.1 – 21.4	1035
25	10.1 – 12.7	310	120	19.2 – 24.0	1305
35	11.4 – 14.2	415	150	21.2 – 26.4	1650
50	13.2 – 16.5	560	185	25.0 – 29.5	1944
70	15.3 – 19.2	780	240	27.1 - 31.6	2330

CSP Rubber Properties: this self-extinguishing compound has excellent resistance to oxygen, ozone and water plus very good resistance to acids, alkalis and solvents. CSP (chlorosulphonated-polyethylene) has excellent abrasion resistance but poor fuel resistance, poor tear resistance and low gas permeability.

All measurements provided should be considered nominal and images for illustration purposes only. Although Central Cables Ltd has made every reasonable effort to ensure its accuracy, the information contained herein is subject to error or omission and to change without notice. In no event will Central Cables Ltd be liable for any damages whatsoever, arising in connection with the information described.