



## PILC 3 Core Paper/Lead/SWA/PVC 6350/11000V BS6480

<b>Applications:</b>	Mains power distribution cable
<b>Conductor:</b>	Plain annealed stranded compacted copper. Class 2. 25sq.mm – 35sqmm: circular compacted conductors 50sq.mm and above are shaped conductors
<b>Core identification:</b>	Numbered cores
<b>Insulation:</b>	M.I.N.D (Mass impregnated non-draining) paper insulated, lead or lead alloy sheathed
<b>Screen:</b>	Belted or Screened
<b>Bedding:</b>	Textile compound
<b>Armour/Protection:</b>	SWA (Single wire armour)
<b>Sheath/Jacket:</b>	PVC (Polyvinyl chloride)
<b>Colour:</b>	Red
<b>Voltage:</b>	6350/11000v
<b>Operating temperature:</b>	Maximum 80°C, minimum bending 0°C
<b>Minimum bending radius:</b>	12 x overall diameter
<b>Standards:</b>	BS6480: Power cables, impregnated paper insulated, lead or lead alloy sheathed electric cables



For current ratings refer to Table BEC107

Size sq.mm	Thickness insulation between conductor mm	Thickness insulation between conductor and lead mm	Nominal diameter over paper belt mm	RT of lead sheath mm	Nominal diameter over lead sheath mm	Diameter of armour wire mm	Nominal diameter over armour mm	Approx. overall diameter mm	Weight kg/km	BATT part no
25	5.6	3.4	29.4	1.5	32.4	2.0	39.4	43.6	5100	72008
35	5.6	3.4	32.1	1.6	35.3	2.0	38.3	46.7	5300	72009
50	5.6	3.4	30.2	1.7	33.6	2.5	41.6	46.2	6500	72010
70	5.6	3.4	33.3	1.8	36.9	2.5	44.9	49.7	7600	72011
95	5.6	3.4	36.5	1.9	40.3	2.5	48.3	53.3	9000	72012
120	5.6	3.4	39.1	1.9	43.0	2.5	52.0	56.2	10100	72013
150	5.6	3.4	41.8	2.0	45.8	2.5	53.8	59.2	11500	72014
185	5.6	3.4	45.0	2.1	49.2	2.5	57.2	62.8	13200	72015
240	5.6	3.4	49.4	2.3	54.0	2.5	62.0	67.8	16000	75016
300	5.6	3.4	53.5	2.4	58.3	3.15	67.6	73.6	19400	72026
400	5.6	3.4	58.5	2.6	63.7	3.15	73.0	79.4	23100	-

