

PILC Single/Multi core (Copper)



PILC/SWA/PVC BS6480

Plain annealed copper conductors, Paper insulated/Lead Alloy sheathed/Textile Compound bedded/ Steel wire armoured/PVC sheathed. Mass impregnated non-draining type. 600/1000 volts grade to BS6480. Sheath colour: Black.

THREE CORE: PILC/SWA/PVC

SIZE	THICKNESS INSULATION BETWEEN CONDUCTOR	THICKNESS INSULATION BETWEEN CONDUCTOR & LEAD	NOMINAL DIAMETER OVER PAPER BELT	RT OF LEAD SHEATH	NOMINAL DIAMETER OVER LEAD SHEATH	DIAMETER OF ARMOUR WIRE	NOMINAL DIAMETER OVER ARMOUR	APPROX OVERALL DIAMETER	WEIGHT
SQ.MM	MM	MM	MM	MM	MM	MM	MM	MM	KG/KM
25	1.4	1.2	15.4	1.2	17.8	1.6	24	27.6	2600
35	1.4	1.2	17.5	1.3	20.1	1.6	26.3	29.9	3200
50	1.4	1.2	19.6	1.4	22.4	1.6	28.6	32.4	3800
70	1.4	1.2	22.6	1.4	25.4	2	32.4	36.4	4900
95	1.4	1.2	25.8	1.5	28.8	2	35.8	40	6100
120	1.4	1.2	28.6	1.6	31.8	2	38.8	43.2	7200
150	1.8	1.4	32	1.8	35.6	2.5	43.6	48.4	9100
185	1.8	1.4	35.2	1.9	39	2.5	47	52	10700
240	2	1.6	40.2	2	44.2	2.5	52.2	57.4	13200
300	2	1.6	44.3	2.1	48.5	2.5	56.5	62.1	15700
400	2	1.6	49.3	2.3	53.9	2.5	61.9	67.9	19100

FOUR CORE

25	1.4	1.2	17.8	1.3	20.4	1.6	26.6	30.2	3150
35	1.4	1.2	20.3	1.3	22.9	1.6	29.1	32.9	3700
50	1.4	1.2	22.8	1.4	25.6	2	32.6	36.6	4800
70	1.4	1.2	26.4	1.5	29.4	2	36.4	40.6	6100
95	1.4	1.2	30.3	1.6	33.5	2	40.5	44.9	7600
120	1.4	1.2	33.5	1.7	36.9	2.5	44.9	49.5	9500
150	1.8	1.4	37.5	1.9	41.3	2.5	49.3	54.3	11400
185	1.8	1.4	41.3	2	45.3	2.5	53.3	58.5	13500
240	2	1.6	47.2	2.2	51.6	2.5	59.6	65.2	17000
300	2	1.6	52.1	2.3	56.7	2.5	64.7	70.5	20200
400	2	1.6	58.1	2.5	63.1	3.15	72.4	78.8	25600

Operating temperature: Maximum 80°C*, Minimum bending 0°C

* Conductor temperature only.

Conductor stranding: Class 2 shaped conductors.

Minimum bending radius: 12 x overall diameter.

Conductor identification: Numbered cores



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
TEL 0044 191 490 1547 FAX 0044 477 5371
TEL 0044 117 977 4647 FAX 0044 977 5582
WWW.THORNEANDDERRICK.CO.UK