CABLES BRITAIN LIMITED

PILC/PVC

Single Core, plain annealed copper conductors, Paper insulated/Lead Alloy sheathed/ PVC sheathed. Mass impregnated non draining type. 600/1000 volts grade to BS6480 (where applicable).
Sheath Colour: Black

SINGLE CORE PILC/PVC

SIZE SQ.MM	DIAMETER OVER CONDUCTOR MM	RT OF INSULATION MM	DIAMETER OVER CORE MM	RT OF LEAD ALLOY SHEATH MM	DIAMETER OVER LEAD MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM
150	15.75	1.4	18.7	1.3	21.4	24.4	2515
185	17.64	1.4	20.6	1.4	23.4	26.5	3030
240	20.25	1.6	23.5	1.4	26.4	29.5	3760
300	22.68	1.7	26.3	1.5	29.3	32.4	4620
400	25.64	1.8	29.4	1.6	32.6	35.7	5730
500	28.80	2.0	32.9	1.7	36.4	39.7	7080
630	32.76	2.0	36.9	1.8	40.6	44.1	8820

Operating temperature: Maximum 80°C*, Minimum bending 0°C
(* Conductor temperature only)

Conductor stranding: Class 2 stranded circular.

Minimum bending radius: 15 x overall diameter.

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 SQ.MM	THICKNESS INSULATION BETWEEN CONDUCTOR MM	THICKNESS INSULATION BETWEEN CONDUCTOR & 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
25	1.4	1.2	15.4	1.2	17.8	1.6	24.0	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	2.0	32.4	36.4	4900
95	1.4	1.2	25.8	1.5	28.8	2.0	35.8	40.0	6100
120	1.4	1.2	28.6	1.6	31.8	2.0	38.8	43.2	7200
150	1.8	1.4	32.0	1.8	35.6	2.5	43.6	48.4	9100
185	1.8	1.4	35.2	1.9	39.0	2.5	47.0	52.0	10700
240	2.0	1.6	40.2	2.0	44.2	2.5	52.2	57.4	13200
300	2.0	1.6	44.3	2.1	48.5	2.5	56.5	62.1	15700
400	2.0	1.6	49.3	2.3	53.9	2.5	61.9	67.9	19100

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Telephone: +44 (0)121 508 6890
Fax: +44 (0)121 508 6891
Web: www.cablesbritain.com
Email: sales@cablesbritain.com