

Multi Core Booklet Armoured 5 - 37 Cores

The cable may be used for fixed installation indoors and outdoors in air and ground.

Description

CU/XLPE/PVC/SWA/PVC is a XLPE insulated, PVC bedded, steel wire armoured and PVC sheathed auxiliary cable with circular, compacted and stranded annealed copper conductors complying with BS EN 60228 class 2. The cable is designed according to BS 5467. The armour is a single layer of galvanized steel wires, laid in a left hand direction. The cores are marked with numbers and they are laid up in concentric layers and covered with an extruded layer of pvc compound. The external surface on the outer sheath is embossed "NEXANS GS BASEC ELECTRIC CABLE 600/1000 V BS 5467 NUMBER OF CORES X NOMINAL AREA OF THE CONDUCTOR XLPE YAER OF MANUFACTURE" + metre marking.



Current ratings

The cable can be loaded according to IEC 60287: "CALCULATION OF THE CONTIOUS CURRENT RATING OF CABLES (100% LOAD FACTOR)".

Standards

The cable is manufactured and tested according to BS 5467.

Quality and environmental management system

Certified according to ISO 9001, IRIS, ISO/TS 16949 and ISO 14001.



Rated Voltage U₀/U (Um)
0.6/1 kV



Minimum installation
temperature
0 °C



Maximum operating
temperature
90 °C



Bending factor when
laying
6 (xD)



Flame retardant
IEC 60332-1

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Characteristics

Construction characteristics	
Conductor material	Copper
Conductor shape	Circular
Outer sheath	PVC
Colour	Black
Electrical characteristics	
Rated Voltage U _o /U (Um)	0.6/1 kV
Usage characteristics	
Minimum installation temperature	0 °C
Maximum operating temperature	90 °C
Short-circuit max. conductor temperature	250 °C
Bending factor when laying	6 (xD)
Flame retardant	IEC 60332-1

Product List

☎=Make to order, 📦=In stock

Nexans ref.	Number of cores	Conductor cross-section (mm ²)	Nominal outer diameter (mm)	Insulation
☎ 36013000198	5	1.5	12.9	XLPE (chemical)
☎ 36013600198	5	2.5	14.7	XLPE (chemical)
☎ 36014900198	5	4	17.1	XLPE (chemical)
☎ 36017600198	5	6	18.5	XLPE (chemical)
☎ 36019900198	5	10	22.0	XLPE (chemical)
☎ 35083500198	5	16	26.0	XLPE (chemical)
☎ 36013100198	7	1.5	13.7	XLPE (chemical)
☎ 36013700198	7	2.5	15.6	XLPE (chemical)
☎ 36014300198	7	4	18.2	XLPE (chemical)
☎ 36005900198	7	6	20.0	XLPE (chemical)
☎ 36013200198	12	1.5	18.0	XLPE (chemical)
☎ 36013800198	12	2.5	21.0	XLPE (chemical)
☎ 36013300198	19	1.5	20.6	XLPE (chemical)
☎ 36013900198	19	2.5	25.0	XLPE (chemical)
☎ 36013400198	27	1.5	25.1	XLPE (chemical)
☎ 36014000198	27	2.5	30.0	XLPE (chemical)
☎ 36013500198	37	1.5	27.5	XLPE (chemical)
☎ 36014100198	37	2.5	33.0	XLPE (chemical)
☎ 36015800198	48	1.5	30.7	XLPE (chemical)

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Selling information

CU/XLPE/PVC/SWA/PVC will be delivered in lengths of 500 m. The drum is marked with manufacturer, type of cable and length. The ends of the cable are sealed.