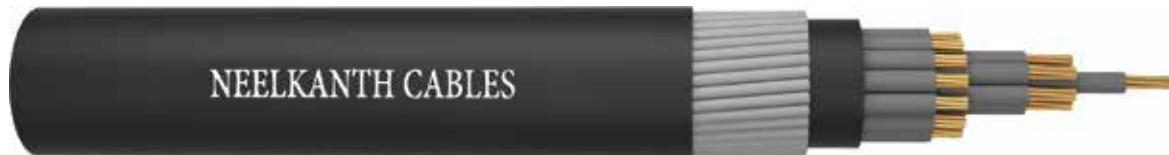


## COPPER CONDUCTOR, XLPE INSULATED, ARMoured, LSZH SHEATHED, 600/1000V, **LOW VOLTAGE CONTROL CABLE, BS 6724**



<b>Application</b>	: These auxiliary control cables are used for electricity supply in low voltage installation system. They are well adapted to underground, outdoors, use in industrial applications where mechanical protections are needed. For installation where fire, smoke emission and toxic fumes create a potential threat to life and equipment.
<b>Standards</b>	: BS 6724
<b>CONSTRUCTION</b>	
<b>Conductor</b>	: Stranded annealed plain copper class 2 to BS EN 60228
<b>Insulation</b>	: Cross linked polyethylene (XLPE) to BS 7655-1.3
<b>Insulation Colour</b>	: 7C & above : Black core with number printed
<b>Filler (Optional)</b>	: Non Hygroscopic filler
<b>Binder Tape (Optional)</b>	: Polyester (Mylar)Tape
<b>Bedding</b>	: Extruded Low Smoke Zero Halogen (LSZH) thermoplastic in Black colour.
<b>Armour</b>	: A single layer of galvanized steel wire armour
<b>Outer Sheath</b>	: Extruded Low Smoke Zero Halogen (LSZH) thermoplastic as per BS 7655-6.1 in Black colour. (Other sheath colour also available on request)

### Technical Characteristic

<b>Voltage Grade</b>	: 600/1000V
<b>Temperature Rating</b>	: -15°C to +90°C
<b>Flame Retardent</b>	: IEC 60332-1-2 & IEC 60332-3-24
<b>Bending Radius</b>	: 'Max. 0.5% (IEC 60754-1)



**Control Cables - 600/1000 V, CU Conductor, XLPE Insulation, Steel Wire Armoured, LSZH Sheathed**

Catalogue Number	Number of Core and Nominal Cross Section Area	Nominal Insulation Thickness	Nominal Thickness of Extruded Bedding	Nominal Steel Wire Armour Dia.	Nominal Sheath Thickness	Approx Overall Dia	Weight of Finished Cable Approx	Maximum DC Resistance at 20°C
	SQ.MM	MM	MM	MM	MM	MM	Kg/Km	Ohm/Km
NCNC2XWH7C0015ST10BS	7 x 1.5	0.6	0.8	0.9	1.4	15.2	470	12.1
NCNC2XWH12C0015ST10BS	12 x 1.5	0.6	0.8	1.25	1.5	19.4	780	12.1
NCNC2XWH19C0015ST10BS	19 x 1.5	0.6	0.8	1.25	1.6	22.2	1000	12.1
NCNC2XWH27C0015ST10BS	27 x 1.5	0.6	1.0	1.6	1.7	26.7	1450	12.1
NCNC2XWH37C0015ST10BS	37 x 1.5	0.6	1.0	1.6	1.7	29.0	1750	12.1
NCNC2XWH7C0025ST10BS	7 x 2.5	0.7	0.8	0.9	1.4	17.1	600	7.41
NCNC2XWH12C0025ST10BS	12 x 2.5	0.7	0.8	1.25	1.6	22.4	1000	7.41
NCNC2XWH19C0025ST10BS	19 x 2.5	0.7	1.0	1.6	1.7	26.6	1460	7.41
NCNC2XWH27C0025ST10BS	27 x 2.5	0.7	1.0	1.6	1.8	30.7	1845	7.41
NCNC2XWH37C0025ST10BS	37 x 2.5	0.7	1.0	1.6	1.8	33.8	2270	7.41
NCNC2XWH7C0040ST10BS	7 x 4	0.7	0.8	1.25	1.5	20.0	880	4.61
NCNC2XWH12C0040ST10BS	12 x 4	0.7	1.0	1.6	1.6	26.3	1465	4.61
NCNC2XWH19C0040ST10BS	19 x 4	0.7	1.0	1.6	1.7	28.1	1800	4.61
NCNC2XWH27C0040ST10BS	27 x 4	0.7	1.0	1.6	1.9	33.1	2375	4.61
NCNC2XWH37C0040ST10BS	37 x 4	0.7	1.2	2.0	2.0	37.8	3220	4.61

**Notes:** Control cable with 2-5 cores will be made in accordance with power cable dimensions.  
The above data is indicative & may be changed without prior information.  
Cables can be supplied in multiples of 1000/500/250 mtrs or required by customer.