






























	Designation	Standard	Nominal Voltage(V)	Number of Cores	Cross-sections (mm ²)	Application
LV PVC Insulated Power and Control Cables						
	NYY	DIN VDE 0276-603 DIN VDE 0276-627	600/1000	1	1.5--500	PVC insulated and sheathed power cables used in the open air, underground, indoors and in cable ducts.
				2	1.5--50	
				3-4	1.5--300	
				3+1	25/16-300/150	
				5	1.5--95	
				6-61	1.5--2.5	
	1-CYKY CU/PVC/PVC	IEC 60502-1 DIN VDE 0276-603	600/1000	1	1.5—1000	
				2	1.5-300	
				3-4	1.5-300	
				3+1	2.5+1.5-300+150	
	NAYY	DIN VDE 0276-603	600/1000	1	25--500	
				3--4	16--240	
	1-AYKY AL/PVC/PVC	IEC 60502-1 DIN VDE 0276-603	600/1000	1	2.5—1000	
				2	2.5-300	
			3-4	2.5-300		
			3+1	4+2.5-300+150		
LV Armoured Power Cables						
	Cu/PVC/AWA/PVC	BS 6346	600/1000	1	50--500	PVC insulated and PVC sheathed steel or aluminum wires armoured cables for the supply of electrical energy.
	Cu/PVC/SWA/PVC	BS 6346	600/1000	2	1.5--240	
				3--4	1.5--300	
				3+1	25/16--300/150	
				5	1.5--70	
				7--48	1.5--25	
			7--19	4		
	Cu/XLPE/PVC/ AWA/PVC	BS 5467	600/1000	1	50--500	XLPE insulated, PVC bedded, steel or aluminum wires armoured and PVC sheathed power and auxiliary control cables for power networks, underground, outdoors, indoors and in cable ducts.
	Cu/XLPE/PVC/ SWA/PVC	BS 5467	600/1000	2--4	1.5--240	
				3+1	25/16--240/120	
				5	1.5--70	
				7--48	1.5--2.5	
			7--19	4		











	Designation	Standard	Nominal Voltage(V)	Number of Cores	Cross-sections (mm ²)	Application	
LV XLPE Insulated Power and Control Cables							
	N2XY	DIN VDE 0276-603 DIN VDE 0276-627	600/1000	1	1.5--500	XLPE insulated and sheathed power cables for use in the open air, underground, indoors and in cable ducts.	
				3--4	1.5--240		
				5	1.5--2.5		
				7--61	1.5--2.5		
				7--19	4		
	NA2XY	DIN VDE 0276-603	600/1000	1	25--500		
				3--4	25--240		
	XLPE/PVC	BS 7889	600/1000	1	50--500		For used in fixed installation in industrial areas, buildings and similar applications but not for direct burial in the ground





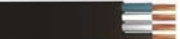

	Designation	Standard	Nominal Voltage(V)	Number of cores	Cross-sections (mm ²)	Application
Armoured Halogen-free Low Smoke Power Cables						
	Cu/XLPE/LSOH /AWA/LSOH	BS 6724	600/1000	1	5--500	XLPE insulated, LSOH bedded, steel or aluminum wires armoured and LSOH sheathed power and auxiliary control cables for the supply of electrical energy. Special for installation where fire and the emission of smoke and toxic fumes create a serious potential threat.
	Cu/XLPE/LSOH /SWA/LSOH	BS 6724	600/1000	2--4	1.5--240	
				5	1.5--70	
				3+1	25/16--240/120	
				7--48	1.5--2.5	
				7--19	4	







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High Voltage XLPE Insulated Power Cable							
 	CU/XLPE/PVC AL/XLPE/PVC CU/XLPE/PE AL/XLPE/PE	IEC60502 BS6622 DIN0276	3600/6000 6000/6000 6000/10000 8700/10000	1	10-800	Mainly laid at indoor, cable slot, tube and other places which do not endure heavy pressure.	
			12000/20000 18000/30000 21000/35000 26000/35000	3	10-500		
	CU/XLPE/ATA/PVC AL/XLPE/ATA/PVC CU/XLPE/ATA/PE AL/XLPE/ATA/PE CU/XLPE/STA/PVC AL/XLPE/STA/PVC CU/XLPE/STA/PE AL/XLPE/STA/PE	IEC60502 BS6622 DIN0276	3600/6000 6000/6000 6000/10000 8700/10000	1	10-800	The cables can be laid indoor, in the channel, cable slot and direct burial. The cable can endure mechanical force but can not endure heavy pull.	
			12000/20000 18000/30000 21000/35000 26000/35000	3	10-500		
	CU/XLPE/AWA/PVC AL/XLPE/AWA/PVC CU/XLPE/AWA/PE AL/XLPE/AWA/PE CU/XLPE/SWA/PVC AL/XLPE/SWA/PVC CU/XLPE/SWA/PE AL/XLPE/SWA/PE	IEC60502 BS6622 DIN0276	3600/6000 6000/6000 6000/10000 8700/10000	1	10-800	Laid in indoor, tunnels and mines. Cable can bear outer mechanical force and fairly large tractional force.	
			12000/20000 18000/30000 21000/35000 26000/35000	3	10-500		
Overhead line							
	ACSR-Aluminium Conductor Steel Reinforced	IEC61089			16~1250	Bare conductors used in overhead lines.	
		BS215 BS EN50182					10~500
		DIN48204					16/2.5-280/85
		ASTM B232					13.29/2.21~ 901.93/73.55

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	AAC—All Aluminium Conductors	IEC61089			10~1500	Bare conductors used in overhead lines.
		BS215 BS EN50182			22~628.3	
		DIN48201			16~1000	
		ASTM B231			13.3~1773	
	AAAC-All Aluminium Alloy Conductors	IEC61089			16~1250	Bare conductors used in overhead lines.
		BS EN50182			18.8~996.2	
		DIN48201			16~1000	
		ASTM B399			13.3~506.7	
	Service Drop	ICEA S-76-474				Primarily used for overhead service applications such as street lighting, outdoor lighting, and temporary service for construction.
	Aerial Bundled Cable (ABC Cable)	IEC60502		2~4	6~95	
		NF C 33-209		2~4	16~150	
	Overhead Insulated Cable	GB/T 12527	600/1000	1 2、4 3+K	16~240 10~120 10~120	
		GB/T 14049	10000	1 3	16~300 250~300	
Rubber Insulated Cable						
	General Rubber Sheathed Flexible Cable	IEC 60245	300/500	2~5	0.75~2.5	In various movable electric equipment and tools.
		IEC 60245	450/750	1 2 3 4 5	1.5~400 1.0~25 1.0~95 1.5~150 1.0~25	
	Flexible Rubber-sheathed Cables for Mining Purposes	GB/T 12972	380/660	3+1	16~70	Connecting various coal cutters and similar equipment under the mine shaft.
			300/500	2,3,4 3+1 7,12	1.0,1.5,2.5 2.5,4 1.0,1.5,2.5	Power connection for various movable coal cutters and driller under the mine shaft
	Welding Cable	IEC 60245	200	1	10~95	Used in the welding cable connection and the connect pliers of the electric welding when the toward earth voltage of the low voltage not more than AC 200V and the pulsant DC peak value is 400V.

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PVC Insulated Single Core Non-sheathed Cables							
	H05V-U	BS 6004 DIN VDE 0281-3 IEC60227	300/500	1	0.5-1	Suitable for installations in surface mounted or embedded conduits, only for signaling or control circuits.	
	H05V-R						
	H05V-K						
	H05V2-U	BS 6004 DIN VDE 0281-7 IEC60227	300/500	1	0.5-1	Heat resistant cables for internal wiring only. Not suitable for fixed installations in distribution systems.	
	H05V2-R						
	H05V2-K						
	H07V-U	BS 6004 DIN VDE 0281-3 IEC60227	450/750	1	1.5-10	Suitable for use in channels with cover and for fixed protected installation in or on lighting fittings and inside appliances, switchgear and control gear for voltages up to 1000V AC. or, up to 750V DC. to earth.	
	H07V-R				1.5-400		
	H07V-K				1.5-240		
	H07V2-U	BS 6004 DIN VDE 0281-7 IEC60227	450/750	1	1.5-2.5	Heat resistant cables for internal wiring and fixed protected installation inside appliances and in lighting fittings. Not suitable for fixed installations in distribution systems.	
	H07V2-R				1.5-35		
	H07V2-K				1.5-35		
Low Smoke Halogen Free Single Core Non-sheathed Cables							
	H05Z-U	BS 7211 DIN VDE 0282-9	300/500	1	0.5-1	For installation in surface mounted or embedded conduits, or similar closed systems, particularly for situations in which low emission of smoke and acid gases is required in the case of burning. Suitable for fixed protected installation in, or on, lighting and control gear for voltages up to 1000V AC. or, up to 750V DC. to earth.	
	H05Z-K		750/750		1		1.5-10
	H07Z-U						1.5-400
	H07Z-R						1.5-240
	H07Z-K						

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Unscreened Installation Cables						
	NYM-J NYM-O	DIN VDE 0250-204	300/500	1 2-5 7 10-12	1.5-16 1.5-35 1.5-2.5 1.5	Fixed installation in dry or damp premises. Suitable for installation in walls, on boards and in channels or embedded in plaster.
	PVC-insulated and PVC-sheathed cables with circuit protective conductor	BS 6004	300/500	1 2 3	1-1.5 1-16 1-16	
PVC Sheathed Flexible Cords						
	H03VV-F	DIN VDE 0281-5 BS 6500 IEC60227	300/300	2-4	0.5-0.75	In domestic premises, kitchens, offices, for light duties, for light portable appliances (e.g. radio sets, table and standard lamps, office machines). Unsuitable for outdoor use. In industrial or agricultural building or for non-domestic portable tools.
	H03VVH2-F	DIN VDE 0281-5 BS 6500 IEC60227	300/300	2	0.5-0.75	
	H05VV-F	DIN VDE 0281-5 BS 6500, BS 7919 IEC60227	300/500	2-5	0.75-4	
	A05VV-F	DIN VDE 0281-5		7	1-2.5	
	H05VVH2-F	DIN VDE 0281-5 BS 6500 IEC60227	300/500	2	0.75-1	
	H03V2V2-F	DIN VDE 0281-12 BS 6500 IEC60227	300/300	2-4	0.5-0.75	
	H03V2V2H2-F	DIN VDE 0281-12 BS 6500 IEC60227	300/300	2	0.5-0.75	
	H05V2V2-F	DIN VDE 0281-12 BS 7919 BS 6500 IEC60227	300/500	2-5	0.75-4	
	H05V2V2H2-F	DIN VDE 0281-12 BS 6500 IEC60227	300/500	2	0.75-1	

	Designation	Standard	Nominal Voltage (V)	Number of cores	Cross-section (mm ²)	Application
PVC insulation Nylon sheathed wire						
	THWN THHN THHN OR THWM	UL83 NCh-2020 NEC	600	1	14AWG- 750MCM	Building wire. oil resistant. Suitable for use in wet or dry locations.
	BVN BVN-90	JB/T10261	300/500	1	0.5-1	
	BVN BVN-90	JB/T10261	450/750	1	1.5-400	
Cu/PVC/Nylon/PVC						
	NM-B	UL83 UL719	600	2 3	14-6AWG 14-2AWG	Type NM-B may be used for both exposed and concealed work in dry locations.
	BVNVB	JB/T10261	300/500	2 3	0.75-10	
Building wire						
	TW THW	UL83	600	1	14-4/0AWG	Building wire. oil resistant. Suitable for use in wet or dry locations.
	XHHW XHHW2	UL44	600	1	14AWG- 750MCM	
300/500V PVC sheathed flexible cable for low rise lifts						
	H05VVH6-F	BS EN 50214	300/500	4, 5	1	Power connection for lift, hoisting equipments and mobile equipments of rated voltages up to and including 300/500V
				6, 9, 12, 16, 2 18, 20, 24	0.75, 1	
Bare Copper Conductor						
	BCC	BS7884		1	10-185	Used for: -Overhead transmission system - Overhead traction system -transformer earthing
	Clase A	ASTM B8 NCh-365		1	4AWG-500MCM	
	Clase B	ASTM B8 NCh-365		1	14AWG-750MCM	

	Designation	Standard	Nominal Voltage (V)	Number of cores	Cross-section (mm ²)	Application
LAN Cable						
	CAT5 UTP CAT5e UTP	YD/T1019 IEC61156-2-1		4Pair	0.5 24AWG	100 base T, Giga-Ethernet, token ring, ATM 155Mbps, TP-PMD audio, telephone and Multimedia networks
	CAT5 FTP CAT5e FTP	YD/T1019 IEC61156-2-1		4Pair	0.5 24AWG	
Coaxial Cable						
	SYWV SYWY SYWLY	GY/T135			Diameter 1.0, 1.66, 2.15, 2.77 , 3.15mm	Mainly used for television and radio system, microwave and satellite communication system.
	RG59 RG6 RG7 RG11				Diameter 0.8, 0.81, 1.02, 1.30 , 1.63mm	
Telephone Cable						
	HYA	GB/T13849 YD/T322		10-600Pair	Diameter 0.40, 0.50, 0.60, 0.80mm	Used for outside plant network, installed between manholes and cabinet.
Zinc-coated steel wire strands						
		YB/T5004 JIS G3537			5.50- 464.95	Used to fix and tie for hanger, hanging systems, overhead cable, etc.
Copper Clad Aluminum Wire(CCA Wire)						
	CCA-10A CCA-10H CCA-15A CCA-15H	SJ/T11223 ASTM B566		1	Diameter 0.1-3mm	Used for radiating cable, inner conductor of CATV coaxial cable, leaky cable, building distribution wire, twisted pair power cable, etc.
Copper Clad Steel Wire(CCS Wire)						
	30HS 40HS	ASTM B227		1	Diameter 0.1-3mm	Used for down-lead for each kind of electric parts, such as capacitor, resistance device, etc.