

Leitungen nach ausländischen Normen / Cables according to foreign standards BS 5467 XLPE/PVC/SWA/PVC

Nach britischer Norm mit Stahlarmierung
According to British standards and steel wire armoured



Verwendung:

Verwendung als Steuer- und Energieversorgungs-Kabel im Freien, in der Erde, im Innenbereich und im Wasser in festen Verlegungen. Diese Leitung wird vorzugsweise in englischen und asiatischen Ländern vermarktet.

Aufbau:

- CU-Litze blank
- Aderkennzeichnung: 2-adrig: blau, braun / 3-adrig: braun, schwarz, grau / 4-adrig: blau, braun, schwarz, grau / 5-adrig: grün/gelb, blau, braun, schwarz, grau
- XLPE isolierte Adern
- PVC Innenmantel
- Stahldrahtarmierung (SWA)
- PVC Außenmantel
- Biegeradius: 1,5-16mm²: 6 x Ø / über 25 mm²: 8 x Ø
- S: Sektorförmige Leiter
- C: Runde Leiter

Technische Daten:

Leiter Werkstoff	Kupfer
Leiterklasse	Klasse 1: Massiv Klasse 2: Verlitzt
Aderisolationwerkstoff	XLPE
Aderkennung	2-adrig: blau, braun 3-adrig: braun, schwarz, grau 4-adrig: blau, braun, schwarz, grau 5-adrig: grün/gelb, blau, braun, schwarz, grau 6 Adern und höher: nummeriert, optional mit grün/gelb
Verseilung	
Außenmantelwerkstoff	PVC
Mantelfarbe	Schwarz
Nennspannung [V]	600 / 1000
Prüfspannung [V]	
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	
Betriebstemp. bew. min/mac [C]	-15°C bis +90
Temperatur am Leiter max.	+90°C bei Betrieb +250°C im Kurzschlussfall
Brandverhalten	IEC 60332-1
Normen	BS5467: Electric cables. Thermosetting insulated, armoured cables for voltages of 600 / 1000V and 1900 / 3300V IEC60502: Power cables with extruded insulation and their accessories for rated voltages from 1kV to 30kV Flame Propagation test to BS EN 60332-1-2 for single cable Oil resistant to ASTM 1047

Application:

Suitable as control and power cable in outdoor, underground, indoor and in water in static installations. This cable is preferentially used in Asia.

Construction:

- plain annealed copper conductors
- core marking: 2 cored: blue, brown / 3 cored: brown, black, grey / 4 cored: blue, brown, black, grey / 5 cored: green/yellow, blue, brown, black, grey
- core insulation made of XLPE
- PVC bedded
- steel wire armoured (SWA)
- PVC outer sheath
- Bending radius: 1,5-16mm²: 6 x Ø / über 25 mm²: 8 x Ø
- S: shaped conductors
- C: circular conductors

Technical Data:

Conductor Material	Copper
Conductor class	Class 1: Solid conductor Class 2: Stranded Conductor
core insulation	XPLE
core identification	2 cores: blue, brown 3 cores: brown, black, grey 4 cores: blue, brown, black, grey 5 cores: green/yellow, blue, brown, black, grey 6 core and above: numbered cores (optional numbered + green and yellow)
stranding	*
outer sheath	PVC
sheath colour	Black
rated voltage [V]	600 / 1000
testing voltage [V]	*
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	*
min. bending radius moved [xd]	*
working temp fixed min/max [C]	*
working temp moved min/mac [C]	-15°C up to +90
temp at conductor max.	+90°C in operation +250°C in case of short-circuit
burning behaviour	IEC 60332-1
Approvals	BS5467: Electric cables. Thermosetting insulated, armoured cables for voltages of 600 / 1000V and 1900 / 3300V IEC60502: Power cables with extruded insulation and their accessories for rated voltages from 1kV to 30kV Flame Propagation test to BS EN 60332-1-2 for single cable Oil resistant to ASTM 1047

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
90020150	2 x 1.50	11.06	0.00	23.40
90020250	2 x 2.50	12.40	0.00	31.20
90020400	2 x 4	13.38	0.00	37.30
90020600	2 x 6	14.38	0.00	45.00
90021000	2 x 10	16.18	0.00	59.00
90021600	2 x 16	19.06	0.00	89.30
90022500	2 x 25	20.00	0.00	105.00
90023500	2 x 35	22.00	0.00	140.00
90025000	2 x 50	25.00	0.00	175.00
90027000	2 x 70	28.00	0.00	220.00
90029500	2 x 95	32.00	0.00	300.00
900212000	2 x 120	35.00	0.00	360.00
900215000	2 x 150	37.00	0.00	425.00
900218500	2 x 185	43.00	0.00	550.00
900224000	2 x 240	55.10	0.00	1015.00
900230000	2 x 300	50.00	0.00	820.00
90030150	3 x 1.50	12.80	0.00	34.10
90030250	3 x 2.50	14.10	0.00	40.50
90030400	3 x 4	15.30	0.00	49.50
90030600	3 x 6	16.60	0.00	60.00
90031000	3 x 10	19.50	0.00	90.00
90031600	3 x 16	21.20	0.00	108.00
90032500	3 x 25	26.70	0.00	175.00
90033500	3 x 35	29.60	0.00	210.00
90035000	3 x 50	28.50	0.00	235.00
90037000	3 x 70	32.20	0.00	315.00
90039500	3 x 95	37.00	0.00	430.00
900312000	3 x 120	40.40	0.00	525.00
900315000/70	3 x 150 /70	45.50	0.00	672.00
900318500	3 x 185	49.80	0.00	804.00
900324000	3 x 240	56.00	0.00	965.00
900330000	3 x 300	60.20	0.00	1232.00
90040150	4 x 1.50	13.50	0.00	39.00
90040250	4 x 2.50	15.00	0.00	46.50
90040400	4 x 4	16.40	0.00	57.90
90040600	4 x 6	18.70	0.00	82.00

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
90041000	4 x 10	21.10	0.00	109.00
90041600	4 x 16	22.90	0.00	140.00
90042500	4 x 25	28.90	0.00	210.00
90043500	4 x 35	32.10	0.00	258.00
90045000	4 x 50	32.00	0.00	300.00
90047000	4 x 70	37.70	0.00	430.00
90049500	4 x 95	41.70	0.00	551.00
900412000	4 x 120	47.10	0.00	715.00
900415000	4 x 150	51.40	0.00	850.00
900418500	4 x 185	56.60	0.00	1030.00
900424000	4 x 240	63.00	0.00	1300.00
900430000	4 x 300	68.60	0.00	1575.00
90050150	5 x 1.50	14.20	0.00	43.30
90050250	5 x 2.50	16.00	0.00	53.00
90050400	5 x 4	18.40	0.00	77.50
90050600	5 x 6	19.70	0.00	92.90
90051000	5 x 10	23.20	0.00	130.00
90051600	5 x 16	26.60	0.00	188.00
90052500	5 x 25	31.70	0.00	267.00
90053500	5 x 35	33.00	0.00	280.00
90055000	5 x 50	38.00	0.00	385.00
90057000	5 x 70	43.00	0.00	510.00
90059500	5 x 95	52.00	0.00	770.00
90070150	7 x 1.50	15.20	0.00	50.60
90070250	7 x 2.50	17.10	0.00	61.80
90070400	7 x 4	19.70	0.00	90.70
90070600	7 x 6	21.30	0.00	111.00
90071000	7 x 10	25.60	0.00	172.00
90071600	7 x 16	28.80	0.00	230.00
90080150	8 x 1.50	17.60	0.00	66.30
90100150	10 x 1.50	19.80	0.00	81.20
90100250	10 x 2.50	21.40	0.00	98.90
90120150	12 x 1.50	19.40	0.00	85.40
90120250	12 x 2.50	22.40	0.00	108.00
90120400	12 x 4	27.70	0.00	155.00
90190150	19 x 1.50	23.20	0.00	112.00

Kontakt:

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
90190250	19 x 2.50	26.10	0.00	157.00
90190400	19 x 4	29.30	0.00	205.00
90270150	27 x 1.50	27.90	0.00	163.00
90270250	27 x 2.50	30.20	0.00	205.00
90270400	27 x 4	34.40	0.00	274.00
90370150	37 x 1.50	30.60	0.00	197.00
90370250	37 x 2.50	33.80	0.00	254.00
90480150	48 x 1.50	33.90	0.00	239.00
90480250	48 x 2.50	38.80	0.00	343.00