

CELLPACK Resin Cable Joint Kits



Cellpack Straight Cable Joints

Voltage Level: 1.2 kV

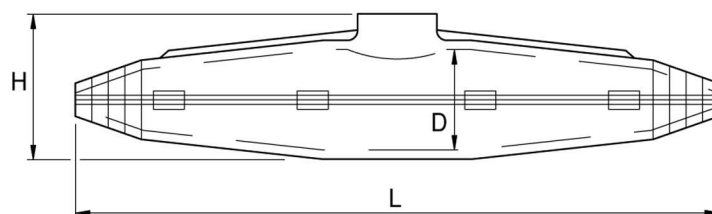
Application: Universally suitable to connect low voltage plastic-insulated cables or connectors insulated with PVC, PE, VPE, and EPR.

Suitable for both copper and aluminium conductors.

Application Ranges: Indoor, outdoor, underground, water (e.g submersible pumps), cable trays.

- Features:**
- High electrical insulation values
 - Watertight both longitudinally and transversely
 - High mechanical strength
 - Good resistance against UV radiation, alkaline earths and chemical agents
 - Standard resin storable up to 40 months in the aluminium bag
 - Halogen-free polyurethane cast resin, containing the correct volume ready for mixing within a handy two-chamber mixing bag. No need for skin contact
 - Low hardening temperature, fast hardening with no toxic emission during the mixing and casting
 - High quality, transparent, shockproof polycarbonate moulds, compact size
 - Visible splice position before casting
 - Large insertion opening for easy casting
 - Extremely simple and fast fitting - saves time and costs
 - Immediately operational

Tests and Approvals: DIN VDE 0278 Part 1 and 2, DIN VDE 0278 PART 393, EN 50393 as well as CENELEC HD623 (VDE 0278, PART 623)



Part No.	L (mm)	D (mm)	H (mm)
SJK1	190	36	50
SJK2	260	47	63
SJK3	360	55	75
SJK4	400	70	95
SJK5	530	100	120
SJK6	700	125	160



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Cellpack Straight Cable Joints - Selection chart for armoured cables.

Straight through joint selection chart

Cellpack - Clear Straight - Through Joint Type SJK.

Conductors: Copper to copper - compression splices or mechanical connectors suitable.
Copper to aluminium/aluminium to aluminium - mechanical connectors only.

Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK1	1.5	2	7-22	-	Included
SJK1	1.5	3	7-22	-	Included
SJK1	1.5	4	7-22	-	Included
SJK1	2.5	2	7-22	-	Included
SJK1	2.5	3	7-22	-	Included
SJK1	2.5	4	7-22	-	Included
SJK1	4	2	7-22	-	Included
SJK1	4	3	7-22	-	Included
SJK2	4	4	14-30	Included	-
SJK2	6	2	14-30	Included	-
SJK2	6	3	14-30	Included	-
SJK2	6	4	14-30	Included	-
SJK2	10	2	14-30	Included	-
SJK2	10	3	14-30	Included	-
SJK2	10	4	14-30	Included	-

SJK1: 15 amp strip connectors

SJK2: 6, 10, 16mm² splices

All joints are supplied with clear mould, resin pack, earth continuity, gloves, sealing tape.

Cable connectors included up to 35mm².

Earth braid can be supplied separately.

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Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK2	16	2	14-30	Included	-
SJK3	16	3	20-37	Included	-
SJK3	16	4	20-37	Included	-
SJK2	25	2	14-30	Included	-
SJK3	25	3	20-37	Included	-
SJK4	25	4	25-42	-	(P1) Included
SJK3	35	2	20-37	Included	-
SJK4	35	3	25-42	-	(P1) Included
SJK4	35	4	25-42	-	(P1) Included
SJK3	50	2	20-37	50BS	-
SJK4	50	3	25-42	50BS	-
SJK4	50	4	25-42	50BS	-

Copper to Aluminium/Aluminium to Aluminium

Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK5S	50	2	25-42	n/a	UM1
SJK5	50	3	33-55	n/a	UM1
SJK5	50	4	33-55	n/a	UM1

SJK2: 6, 10, 16mm² splices

SJK3: 16, 25, 35mm² splices

SJK4: P1 mechanical connectors

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Cellpack Straight Cable Joints

Straight through joint selection chart

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Selection chart for armoured cables.

Conductors: Copper to copper - compression splices or mechanical connectors suitable.

Copper to aluminium/aluminium to aluminium - mechanical connectors only.

Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK4	70	2	25-42	70BS	-
SJK5S	70	2	33-55	-	UM1
SJK5	70	3	33-55	70BS	UM1
SJK5	70	4	33-55	70BS	UM1
SJK4	95	2	25-42	95BS	UM1
SJK5	95	3	33-55	95BS	UM1
SJK5	95	4	33-55	95BS	-
SJK6S	95	4	45-74	-	UM1

Copper to Aluminium/Aluminium to Aluminium

Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK6S	95	4	45-74	n/a	UM1

SJK4: P1 mechanical connectors

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Cellpack Straight Cable Joints

Straight through joint selection chart

Cellpack - Clear Straight - Through Joint Type SJK.

Selection chart for armoured cables.

Conductors: Copper to copper - compression splices or mechanical connectors suitable.

Copper to aluminium/aluminium to aluminium - mechanical connectors only.

Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK5	120	2	33-55	120BS	UM2
SJK5	120	3	33-55	120BS	UM2
SJK6	120	4	33-55	120BS	UM2
SJK5	150	2	33-55	150BS	UM2
SJK6	150	3	45-74	150BS	UM2
SJK6	150	4	45-74	150BS	UM2
SJK5	185	2	33-55	185BS	-
SJK6S	185	2	45-74	-	UM3
SJK6	185	3	45-74	185BS	UM3
SJK6	185	4	45-74	185BS	-
SJK7S	185	4	50-95	-	UM3
SJK6	240	2	45-74	240BS	UM3
SJK6	240	3	45-74	240BS	UM3
SJK7	240	4	50-95	240BS	UM3
SJK6	300	2	45-74	300BS	UM3
SJK7	300	3	50-95	300BS	UM3
SJK7	300	4	50-95	300BS	UM3
SJK7	400	2	50-95	400BS	MF1/4
SJK7	400	3	50-95	400BS	MF1/4
SJK7	400	4	50-95	400BS	MF1/4

All joints are supplied with clear mould, resin pack, earth continuity, gloves, sealing tape.

Cable connectors included up to 35mm².

Earth braid can be supplied separately.



CELLPACK Resin Cable Joint Kits

For copper and aluminium cables.

Multi-Core Cables Copper Conductors

For use with PVC Insulated - PVC Sheathed Armoured cables

Joint ref.	Nominal area of conductor (mm ²)	No. of cores
SJK1	1.5	5
SJK2	1.5	7
SJK2	1.5	10
SJK3	1.5	12
SJK4	1.5	19
SJK4	1.5	22
SJK4	1.5	27
SJK4	1.5	30
SJK4	1.5	40
SJK5	1.5	48

Joint ref.	Nominal area of conductor (mm ²)	No. of cores
SJK1	2.5	5
SJK2	2.5	7
SJK2	2.5	10
SJK3	2.5	12
SJK4	2.5	19
SJK4	2.5	22
SJK4	2.5	27
SJK4	2.5	30
SJK4	2.5	40
SJK5	2.5	48

Multi-Pair Cables Copper Conductors

For use with PVC Insulated - PVC Sheathed Armoured cables

Joint ref.	Nominal area of conductor (mm ²)	No. of pairs
SJK1	0.5	2
SJK2	0.5	5
SJK4	0.5	10
SJK4	0.5	15
SJK4	0.5	20
SJK5	0.5	25
SJK5	0.5	30
SJK5	0.5	40
SJK5	0.5	50
SJK6	0.5	100

Joint ref.	Nominal area of conductor (mm ²)	No. of pairs
SJK1	0.9	2
SJK2	0.9	5
SJK4	0.9	10
SJK4	0.9	15
SJK4	0.9	20
SJK5	0.9	25
SJK5	0.9	30
SJK5	0.9	40
SJK5	0.9	50
SJK6	0.9	100

Joint ref.	Nominal area of conductor (mm ²)	No. of pairs
SJK1	1.5	2
SJK2	1.5	5
SJK4	1.5	10
SJK4	1.5	15
SJK4	1.5	20
SJK5	1.5	25
SJK5	1.5	30
SJK5	1.5	40
SJK5	1.5	50
SJK6	1.5	100

Cable connectors for both Multi-core and Multi-pair cables supplied only on request.
All joints supplied with clear mould, resin pack, earth continuity, gloves and sealing tape.