




# Rubber Joint

**Electrical performance:**  
CEI EN 50393 • CEI 20-33  
(with testing under water head and water  
between the cable cores)  
Class 2 in accordance  
with CEI 64-8.

**Degree of protection:** IP68

Operating  
temperature 

Installation temperature:   
-15°C / +45°C

Straight or branch joint with bicomponent cast quick cross linking rubber insulation for 0.6/1 kW cables

With new Magic Rubber insulation, designed and developed by Raytech for 0.6/1 kV cables. A new line of accessories with extremely high mechanical characteristics, as well as dielectric and thermal properties. The new line is absolutely non-toxic, is re-enterable even after long periods of operation, is free of exotherm during cross linking, is extremely fast-acting and has no shelf life. Significant also for its very low emission of toxic and corrosive gases and fumes. Thanks to its exceptional mechanical characteristics, these joints are especially suitable for placement in traps or channels where there is the possibility of handling even after the laying of cables or, however, in cases of heavy abrasion, or mechanical stress within the normal parameters of installation and operation.

- Quick cross linking rubber (only 15 minutes)
- Very high mechanical and elastic characteristics
- For 0.6/1 kV extruded cables
- Non-toxic and safe
- No shelf life



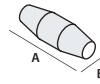
Installation sequence





# Rubber Joint

Straight joint for 0.6/1 kV extruded cables



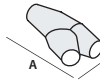
Product	Cable formation and conductor cross sections (n° x mm <sup>2</sup> )				Dimensions A x B (mm)
	1x	2x	3x	4x	
Rubber Joint 4	1,5 - 25	1,5 - 4	1,5 - 4	1,5 - 4	160 x 45
Rubber Joint 10	2,5 - 50	1,5 - 10	1,5 - 10	1,5 - 10 *	180 x 50
Rubber Joint 25	16 - 150	4 - 25	4 - 25	2,5 - 25	215 x 55
Rubber Joint 35	16 - 185	16 - 35	16 - 35	16 - 35	232 x 70
Rubber Joint 50	50 - 300	16 - 50	16 - 50	16 - 50	266 x 72
Rubber Joint 95	120 - 400	25 - 95	25 - 95	25 - 95	330 x 75
Rubber Joint 120	240 - 500	70 - 120	70 - 120	50 - 120	365 x 95
Rubber Joint 240	400 - 1000	120 - 300	120 - 240	120 - 240	510 x 120
Rubber Joint 300	630 - 2000	240 - 400	240 - 300	240 - 300	760 x 180

\* Rubber Joint 10 suggested for cable diameters smaller than 16 mm.



# Rubber Joint Y

Branch joint for 0.6/1 kV extruded cables



Product	Cable formation and conductor cross sections (n° x mm <sup>2</sup> )								Dimensions A x B (mm)
	1x		2x		3x		4x		
	T	B	T	B	T	B	T	B	
Rubber Joint Y6	4 - 50	4 - 50	4 - 10	4 - 10	2,5 - 6	2,5 - 6	2,5 - 6	2,5 - 6	180 x 90
Rubber Joint Y25	50 - 150	50 - 150	10 - 25	10 - 25	6 - 25	6 - 16	6 - 25	6 - 10	220 x 105
Rubber Joint Y95	120 - 400	95 - 240	25 - 95	16 - 50	25 - 95	16 - 50	25 - 95	10 - 50	315 x 115
Rubber Joint Y240*	240 - 630	240 - 630	95 - 240	95 - 240	95 - 240	95 - 240	95 - 240	50 - 240	600 x 285

T: Through - B: Branch  
\* also for aluminium cables.

