

RAYCHEM RAY-S, M + MA KITS **INLINE JOINTS FOR PLASTIC & RUBBER INSULATED CABLES**

Inline joints for plastic and rubber insulated cables up to 1 kV with or without armour or concentric Neutrals.

While fully comparable in ease and speed of installation to other modern methods, Raychem joints also eliminate mixing, pouring and topping-up delays, as they require no jointing compound or resin. This feature cuts out curing time and enables the joints to be buried immediately. As the joint components are of Heat shrinkable material, they can also be held in stock in varying climatic conditions without risk of long-term deterioration.

Installation

Applying equally well to both armoured and unarmoured cables, the Raychem technique achieves insulating and sealing in one step by heating. This causes tubing, slipped over the cores before jointing, to shrink to tightly fit the connectors and insulation. At the same time the heat causes adhesive, supplied already pre-coated on the inside of the tubing, to melt and flow. The high integrity bond thus formed seals out moisture and corrosion, follows the thermal expansion of the cable, and can be reliably made on a range of core sizes and connector types without special skills or procedures.

SINGLE CORE CABLES

Size of conductor (mm ²)	Cable core insulation Min dia (mm)	Dia max (mm)	Length max (mm)	Kit Number
1.0 - 2.5	2.9	6	25	RAY-S1
4 - 10	4	11	70	RAY-S2
16 - 35	6	16	70	RAY-S3
50 - 95	9	25	130	RAY-S4
120 - 150	12	30	130	RAY-S5
185 - 300	16	40	150	RAY-S6
400 - 630	22	50	170	RAY-S7

MULTI CORE CABLES WITHOUT ARMOURS WITH/WITHOUT ECC

Size of conductor (mm ²)	Number of cores	Nominal cable O.D. min (mm)	Dia max (mm)	Length max (mm)	Kit number
1.5 - 6	2 - 3 - 4	9	10	35	M1
10 - 16	2 - 3 - 4	12	11	50	M2
16 - 35	2 - 3 - 4	16	16	70	M3
50 - 70	3 - 4	22	25	110	M4
95 - 150	3 - 4	35	35	130	M5
185 - 300	3 - 4	45	45	150	M6

MULTI CORE CABLES WITH STEEL WIRE ARMOURS WITH/WITHOUT ECC

Size of conductor (mm ²)	Number of cores	Nominal cable O.D. min (mm)	Dia max (mm)	Length max (mm)	Kit number
1.5 - 6	2 - 3 - 4	9	10	35	M1
10 - 16	2 - 3 - 4	12	11	50	M2
16 - 35	2 - 3 - 4	16	16	70	M3
50 - 70	3 - 4	30	25	110	MA7
95 - 120	3 - 4	34	35	130	MA8
150 - 185	3 - 4	40	35	130	MA9
240 - 300	3 - 4	50	45	150	MA10