

- Robust
- Approved down to 10 metres water depth

Cable joint with cast resin for plastic and paper-insulated cables, and control cables SMARTA

Use

For jointing 1 kV plastic and paper-insulated 3-, 4- and 5-core cables as communication cables and the transition between plastic and paper-insulated cables. Can be used in down to 10 metres water depth.

Standards

SMARTA meets the requirements of:

- SS 424 14 44 Edition 1
- EBR KJ 24:89

Design

The joint consists of a transparent casting mould with flexible sealing rings between the casting mould and the cable. Compounding cast resin and hardener are mixed in a sealed bag. Please note, the lower the temperature is, the longer the hardening time will be. SMARTA ought not to be installed if temperature is below -10° C. After

hardening the joint becomes resistant.

When jointing paper-insulated cable, and at the transition between paper and plastic cables, accessory kit PPC must be used.

Note that, when jointing plastic-insulated to paper-insulated cables, connectors with a partition must be used.

The joint is also excellent to use when jointing cables with an integrated tube for opto fibre, which must be jointed without heating. The material for jointing the opto tube is not included.

To be ordered separately

- Connectors
- PPC (see below)



Designation	Conductor cross section		Control cable max number of cores		Cable diameter	Casting mould		Weight
	Cu	Al	with individual screen	without individual screen		Length	Diameter	
	mm ²				mm	mm	mm	kg/item
SMARTA 10-5	2.5-10	–	14	27	5-27	240	35	0.8
SMARTA 11-5	6-16	–	27	39	15-30	340	40	1.2
SMARTA 12	25-70	25-50	91	–	25-50	540	72	3.6
SMARTA 13	95-150	70-150	–	–	30-65	660	96	7.6
SMARTA 14	185-240	185-240	–	–	35-70	840	105	10.5

To be ordered separately

Accessory kit	Used for	Weight
		kg/item
PPC 11	SMARTA 10-5 / SMARTA 11-5	0.2
PPC 12	SMARTA 12	0.3
PPC 13	SMARTA 13	0.4
PPC 14	SMARTA 14	0.5