

Heat-shrinkable airfield lighting cable joints
for screened and unscreened cables
6/10 (12) kV and 3,6/6 (7,2) kV



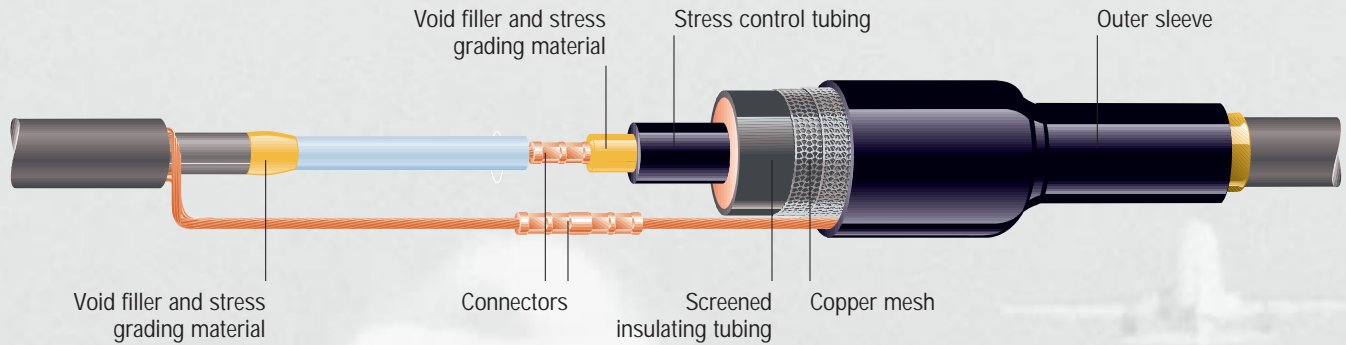
FEATURES

- High performance joint material
- Compact design
- Connector included

BENEFITS

- Applicable for 4 kV and 7 kV lighting systems
- Easy and safe installation
- Unlimited shelf life

Design



Technical data

	Voltage	Cross-section	Cable
EAKJ-12A/1XU-1XU	6/10 (12) kV	6 mm ²	single core screened
EAKJ-2257	3,6/6 (7,2) kV	6 mm ²	single core unscreened

Test sequence

Minimum performance of the EAKJ 12A 1XU-1XU Airfield Lighting Cable Joint in accordance with Raychem PPS 3013/3016 Master Specification.

Test	Test requirements
A.C. voltage withstand 50 Hz	5 min at 35 kV
Partial discharge	XLPE ≤ 3 pC @ 7,5 kV XLPE ≤ 10 pC @ 12,0 kV
Impulse voltage withstand 1,2/50 μs impulse	10 positive impulses @ 75 kV 10 negative impulses @ 75 kV
D.C. voltage withstand	30 min @ 48 kV
Partial discharge	XLPE ≤ 3 pC @ 7,5 kV XLPE ≤ 10 pC @ 12,0 kV

Test report

PPR 1340

A simple fast jointing technique

The joint components are supplied as a pre-engineered set of heat-shrinkable tubings. Cable preparation and installation techniques on the EAKJ are identical with medium voltage jointing systems. The cross-linked poly-

meric materials provide highest performance also on smallest cross sections. The long-term performance of Raychem's heat shrinkable materials has been well proven by millions of jointing systems up to 72 kV.

At Raychem we are committed to continuous quality improvement in every aspect of our business.

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