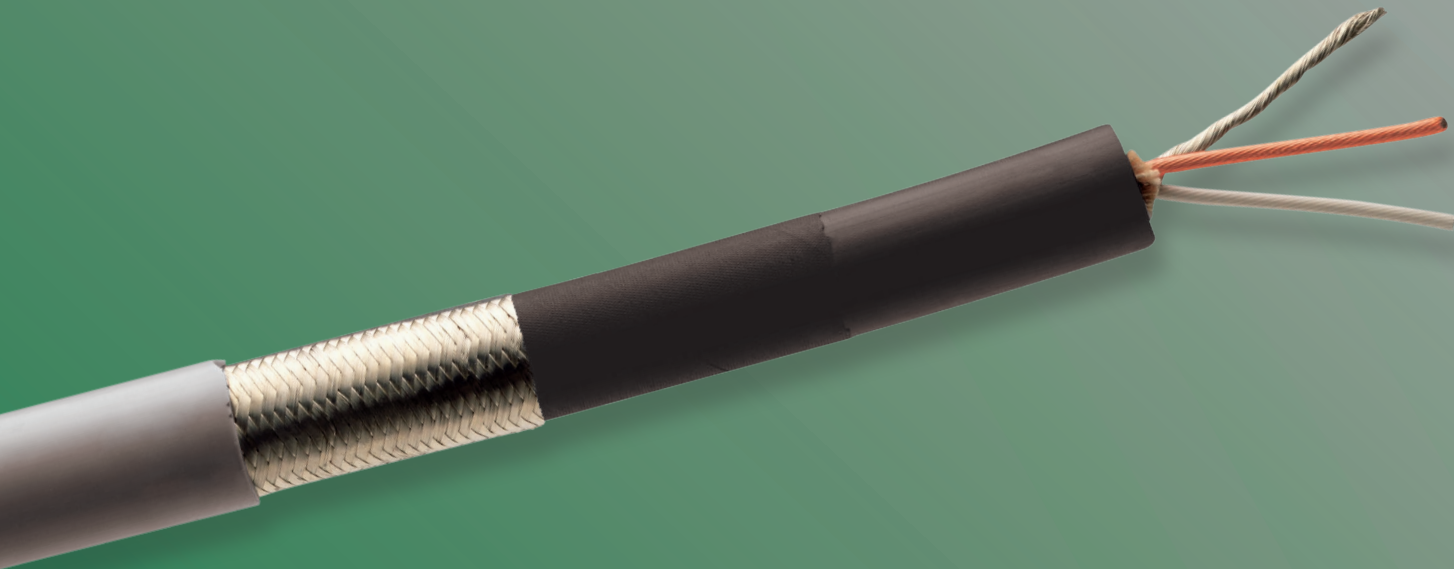


U3-TYPE (LOCAFLEX 100KV)

100 kVDC rated High Voltage Cable



Highly flexible, small diameter, low capacitance, 3-conductor, 100 kVDC rated rubber insulated high voltage cable.

FEATURES

- Low capacitance.
- High flexibility.
- Small diameter.
- 95% shielding braid coverage.
- RoHS & REACH compliant.

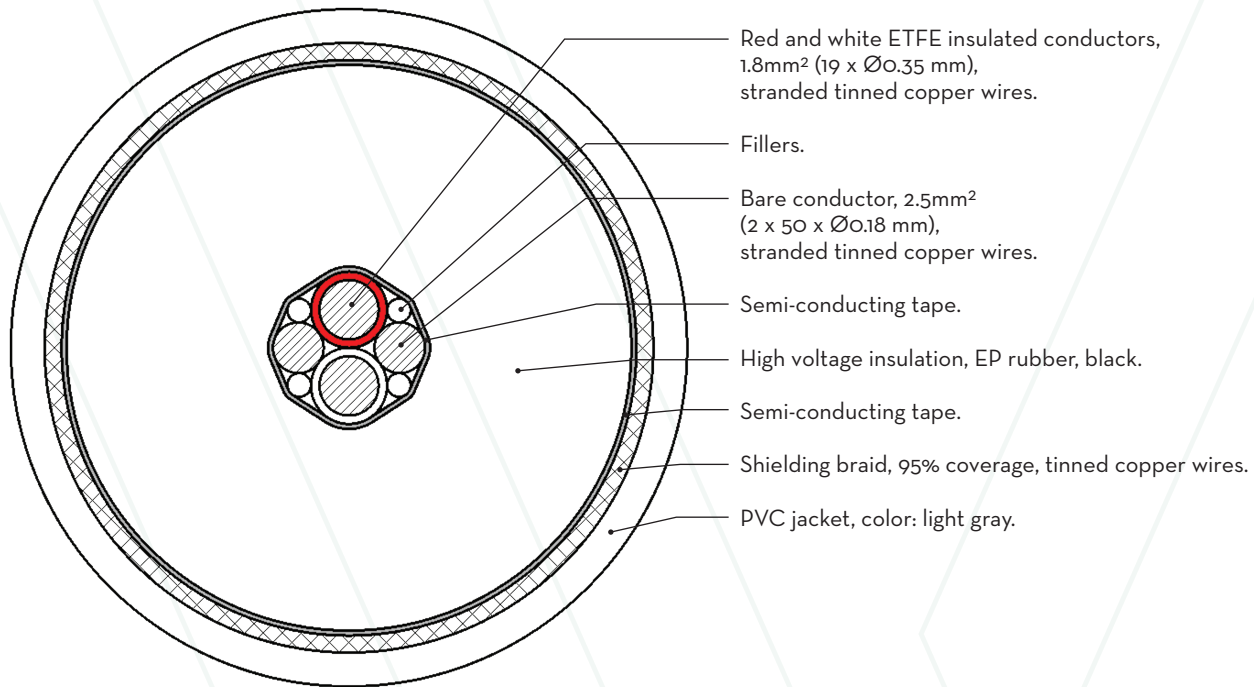
DESCRIPTION

This 3-conductor, rubber insulated high voltage cable's typical applications are:

- Medical X-ray equipment like standard X-ray, computed tomography and angiography equipment.
- Industrial and scientific X-ray or electron beam equipment like electron microscopy and X-ray diffraction equipment.
- Low power high voltage test- and measuring equipment.

CONSTRUCTION U3-TYPE CABLE

(Illustration is not to scale)



Technical Specifications

Number of conductors	3
Rated voltage	100 kVDC
Routine test voltage (high voltage insulation)	160 kVDC / 10min
Rated voltage (conductor insulation)	750 VACrms / 1000 VDC
Maximum conductor current	1.8 mm ² : 17 A; 1.25 mm ² : 14 A
Nominal outside diameter	20.0 mm ±0.6 mm / 0.787 in ±0.024 in
Insulation resistance core to shield @20°C	≥5x10 ¹² Ω·m / ≥15x10 ¹² Ω·ft
Conductor resistance bare cond. @20°C	7 mΩ/m / 2.1 mΩ/ft ±5%
Conductor resistance insul. cond. @20°C	10 mΩ/m / 3.1 mΩ/ft / ±5%
Capacitance between cond. and shield	136 pF/m / 42 pF/ft / ±10%
Cable min. bending radius (static installation)	40 mm / 1.57 in
Cable min. bending radius (dynamic install.)	80 mm / 3.15 in
Operating temperature	-10/+70°C / +14/+158°F
Storage temperature	-40/+70°C / -40/+158°F
Net weight	515 kg/km

MORE INFORMATION

Varex Imaging Corporation is a leading innovator, designer and manufacturer of X-ray imaging components, which includes tubes, digital flat panel detectors and other image processing solutions, which are key components of X-ray imaging systems.

For more information, please contact a Varex Imaging sales representative in your territory. Contact details are available at www.vareximaging.com/contact-information.

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