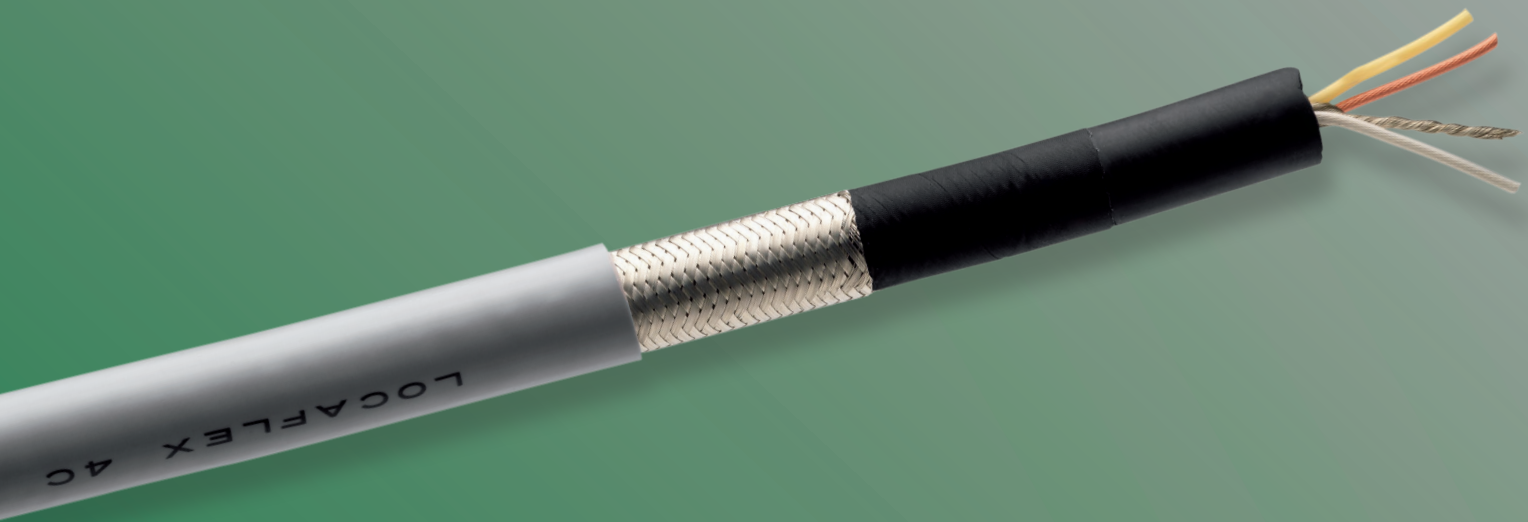


## L4-TYPE (LOCAFLEX 4C)

75 kVDC rated High Voltage Cable



Highly flexible, small diameter, low capacitance, 4-conductor, 75 kVDC rated rubber insulated high voltage cable.

### FEATURES

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

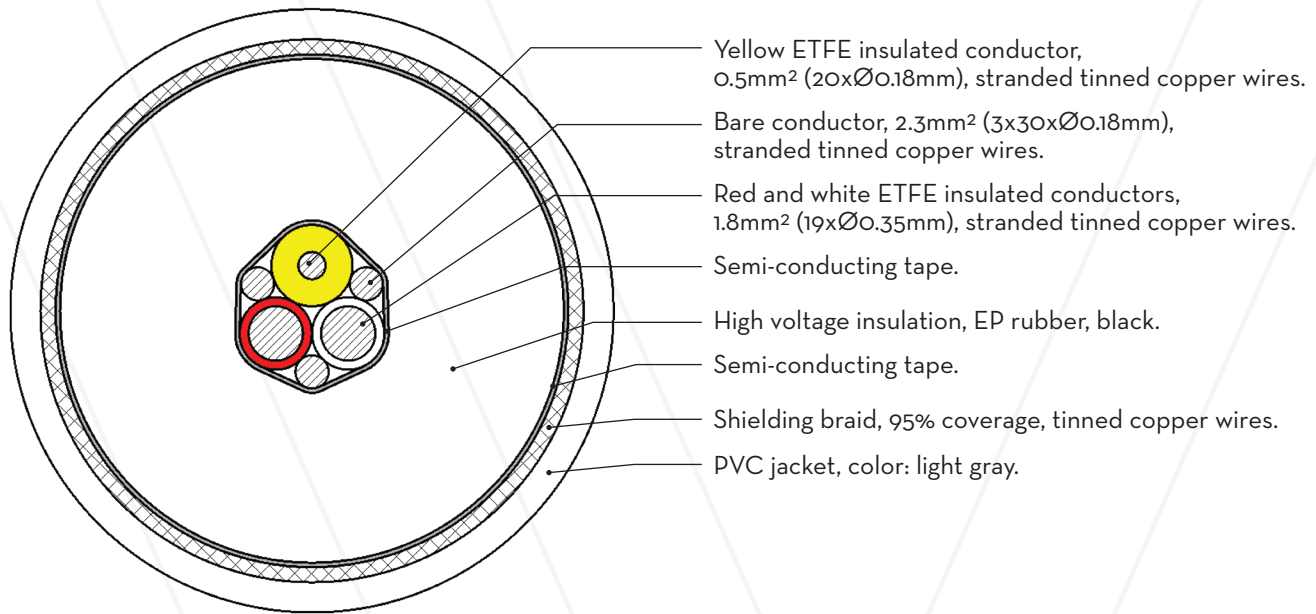
### DESCRIPTION

This 4-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 L4-TYPE CABLE

(Illustration is not to scale)



## Technical Specifications

Number of conductors .....	4
Rated voltage .....	75 kVDC
Routine test voltage (high voltage insulation) .....	120 kVDC / 10 min
Rated voltage (conductor insulation) .....	750 VACrms / 1000 VDC
Rated voltage (yellow cond. insulation.) .....	1500 VACrms / 2000 VDC
Maximum conductor current .....	1.8 mm <sup>2</sup> : 15 A; 0.5 mm <sup>2</sup> : 8 A; 0.75 mm <sup>2</sup> : 9 A
Corona level at 75kVDC .....	≤10 pC
Nominal outside diameter .....	21.3 mm ±0.5 mm / 0.839 in ±0.020 in
Insulation resistance core to shield @20°C .....	≥5x10 <sup>12</sup> Ω·m / ≥15x10 <sup>12</sup> Ω·ft
Conductor resistance bare conductor @20°C ...	8.4 mΩ/m / 2.8 mΩ/ft / ±10%
Conductor resistance red/white cond. @20°C ..	10.0 mΩ/m / 3.1 mΩ/ft / ±10%
Conductor resistance yellow cond. @20°C .....	37.1 mΩ/m / 12.6 mΩ/ft / ±10%
Shield resistance @20°C .....	≤14.8 mΩ/m / ≤4.9 mΩ/ft
Capacitance between conductors and shield ....	145 pF/m / 48 pF/ft / ±10%
Capacitance between yellow and bare cond. ....	120 pF/m / 39 pF/ft
Cap. between red/white and bare conductor .....	300 pF/m / 98 pF/ft
Cable min. bending radius (static installation) .....	42 mm / 1.7 in
Cable min. bending radius (dynamic installation) .....	84 mm / 3.3 in
Operating temperature .....	-10/+70°C / +14/+158°F
Storage temperature .....	-40/+70°C / -40/+158°F
Net weight .....	610 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](http://www.vareximaging.com/contact-information).

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