

T4-TYPE

75 kVDC rated High Voltage Cable



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

FEATURES

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

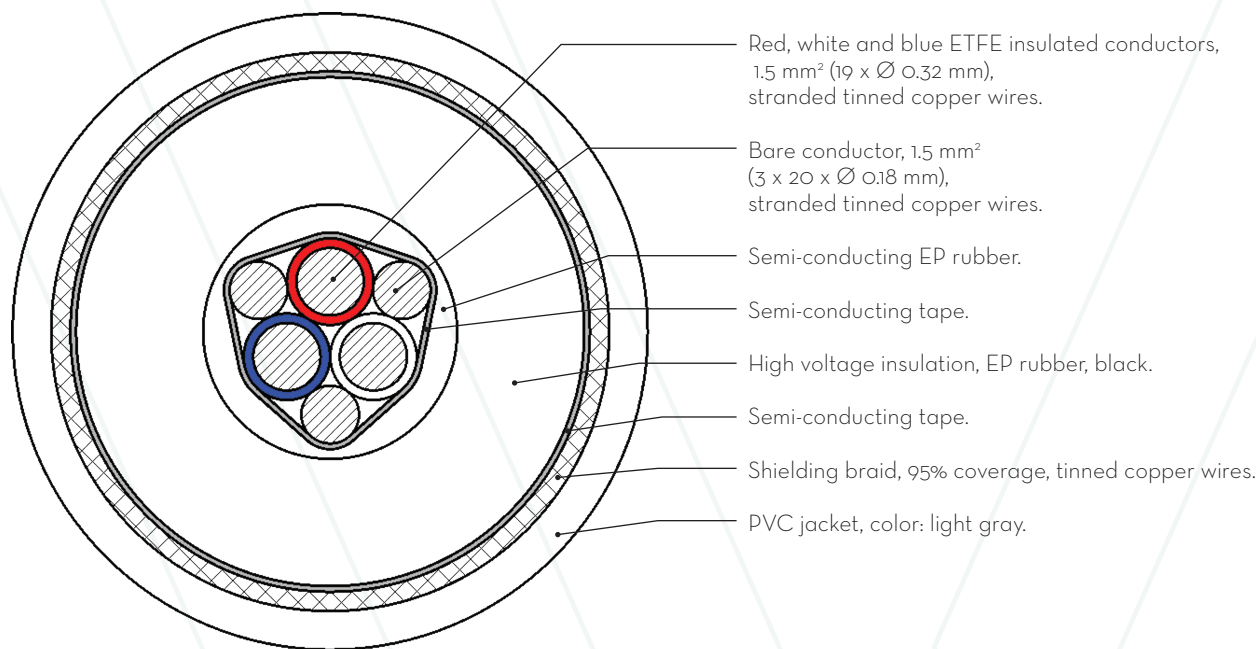
DESCRIPTION

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.

CONSTRUCTION T4-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
Maximum conductor current	1.5 mm²: 15 A; 0.5 mm²: 8 A
Corona level at 75 kVDC	≤10 pC
Nominal outside diameter	16.7 mm ±0.5 mm / 0.657 in ±0.020 in
Insulation resistance core to shield @20°C	≥1x10 ¹² Ω·m / ≥3x10 ¹² Ω·ft
Conductor resistance bare conductor @20°C	11.9 mΩ/m / 3.6 mΩ/ft / ±10 %
Conductor resistance insulated cond. @20°C	11.9 mΩ/m / 3.6 mΩ/ft / ±10 %
Shield resistance @20°C	11.1 mΩ/m / 3.6 mΩ/ft / ±10 %
Capacitance between conductors and shield	226 pF/m / 70 pF/ft / ±10 %
Capacitance between insulated conductors	164 pF/m / 54 pF/ft / ±10 %
Cap. between insulated and bare conductor	303 pF/m / 99 pF/ft
Cable min. bending radius (static installation)	34 mm / 1.4 in
Cable min. bending radius (dynamic installation)	68 mm / 2.7 in
Operating temperature	-10/+70°C / +14/+158°F
Storage temperature	-40/+70°C / -40/+158°F
Net weight	340 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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