

J3-TYPE

160 kVDC rated High Voltage Cable



Highly flexible, extra small diameter, 3-conductor, 160 kVDC rated rubber insulated high voltage cable.

FEATURES

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

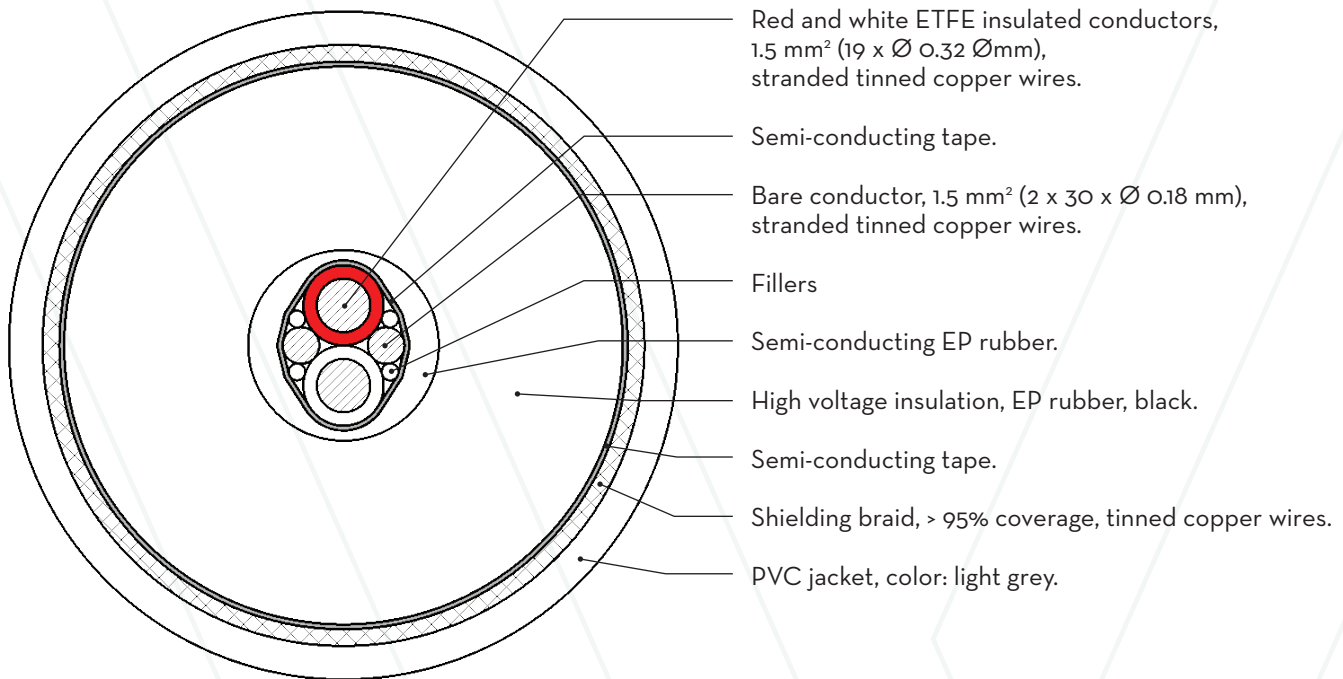
DESCRIPTION

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

- Medical, industrial and scientific X-ray or electron beam equipment.
- Industrial and scientific X-ray or electron beam equipment.
- Low power, high voltage test and measuring equipment.

CONSTRUCTION J3-TYPE CABLE

(Illustration is not to scale)



Technical Specifications

Number of conductors	3
Rated voltage	160 kVDC
Routine test voltage (high voltage insulation)	200 kVDC / 10 min
Rated voltage (conductor insulation)	1500 VACrms / 2000 VDC
Maximum conductor current	1.5 mm ² : 15 A
Nominal outside diameter	22.9 mm / 0.901 in / ±1.0 mm / ±0.039 in
Insulation resistance core to shield @20°C	≥1x10 ¹² Ω·m / ≥3x10 ¹² Ωft
Conductor resistance bare conductor @20°C	11.9 mΩ/m / 3.6 mΩ/ft / ±10%
Conductor resistance insul. conductor @20°C	11.9 mΩ/m / 3.6 mΩ/ft / ±10%
Capacitance between conductors and shield	204 pF/m / 62 pF/ft / ±10%
Cable min. bending radius (static installation)	60 mm / 2.4 in
Cable min. bending radius (dynamic installation)	120 mm / 4.7 in
Operating temperature	-10/+70°C / +14/+158°F
Storage temperature	-40/+70°C / -40/+158°F
Net weight	630 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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