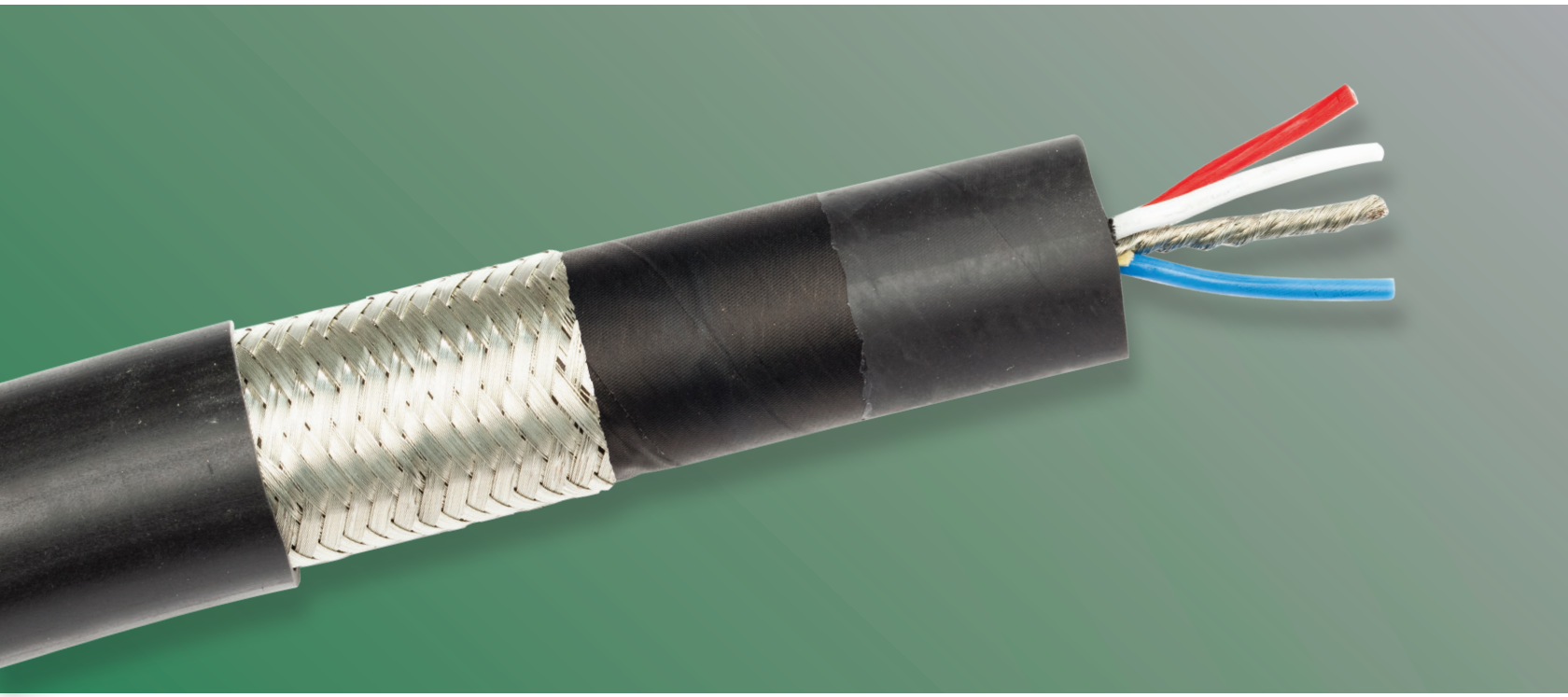
N4-TYPE

160 kVDC rated High Voltage Cable



Highly flexible, 4-conductor, 160 kVDC rated rubber insulated high voltage cable.

FEATURES

- High flexibility.
- 95% shielding braid coverage.
- PVC jacket.
- RoHS & REACH compliant.

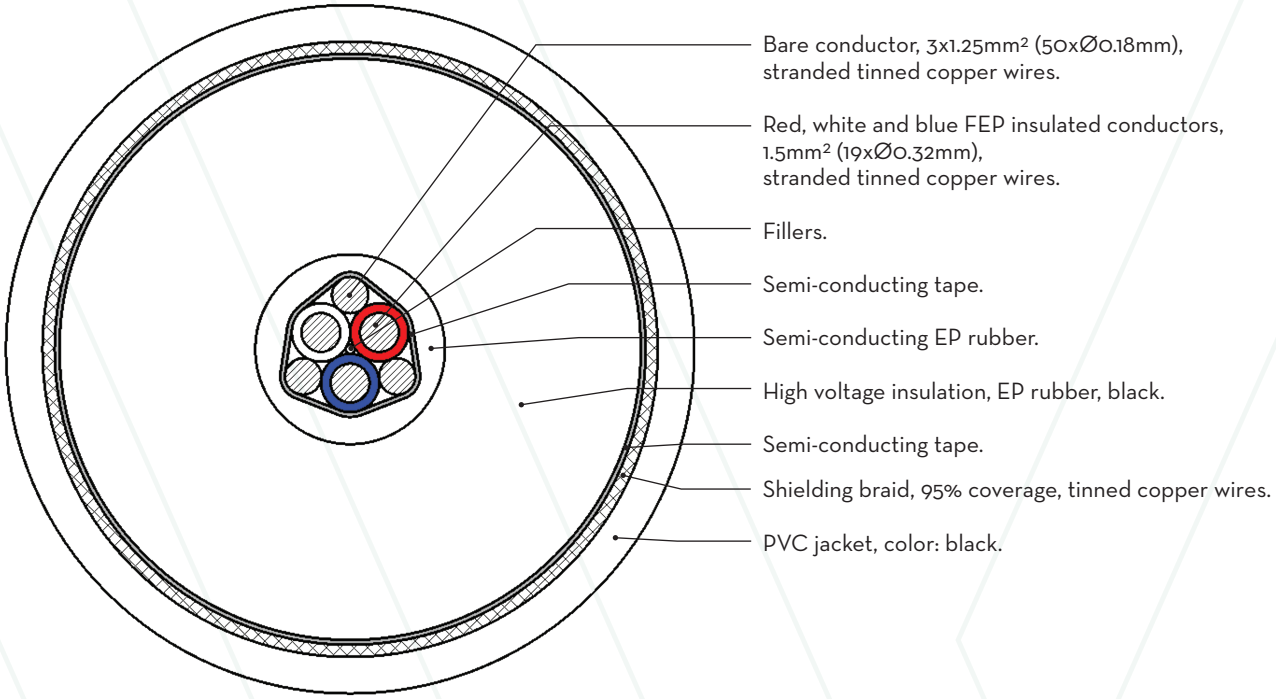
DESCRIPTION

This 4-conductor, rubber insulated high voltage cable's typical applications are:

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

CONSTRUCTION N4-TYPE CABLE

(Illustration is not to scale)



Technical Specifications

Number of conductors	4
Rated voltage	160 kVDC
Routine test voltage (high voltage insulation)	220 kVDC / 10 min
Rated voltage (conductor insulation)	750 VACrms / 1000 VDC
Maximum conductor current	1.5 mm²: 16 A; 3.75 mm²: 32 A
Corona level @ 160 kVDC	≤10 pC
Nominal outside diameter	28.3 ±1.5 mm / 1.114 ±0.059 in
Insulation resistance core to shield @ 20°C	≥1x10¹² Ω·m / ≥3x10¹² Ω·ft
Conductor resistance bare conductor @ 20°C	Max. 8.6 mΩ/m / 2.6 mΩ/ft
Conductor resistance insul. conductors @ 20°C	Max.19.8 mΩ/m / 6.0 mΩ/ft
Shield resistance @ 20°C	6.3 mΩ/m / 1.91 mΩ/ft ±10%
Capacitance between conductors and shield	136 pF/m / 41 pF/ft / ±10%
Cable min. bending radius (static installation)	57 mm / 2.24 in
Cable min. bending radius (dynamic installation)	113 mm / 4.45 in
Operating temperature	-10/+70°C / +14/+158°F
Storage temperature	-40/+70°C / -40/+158°F
Net weight	1020 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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