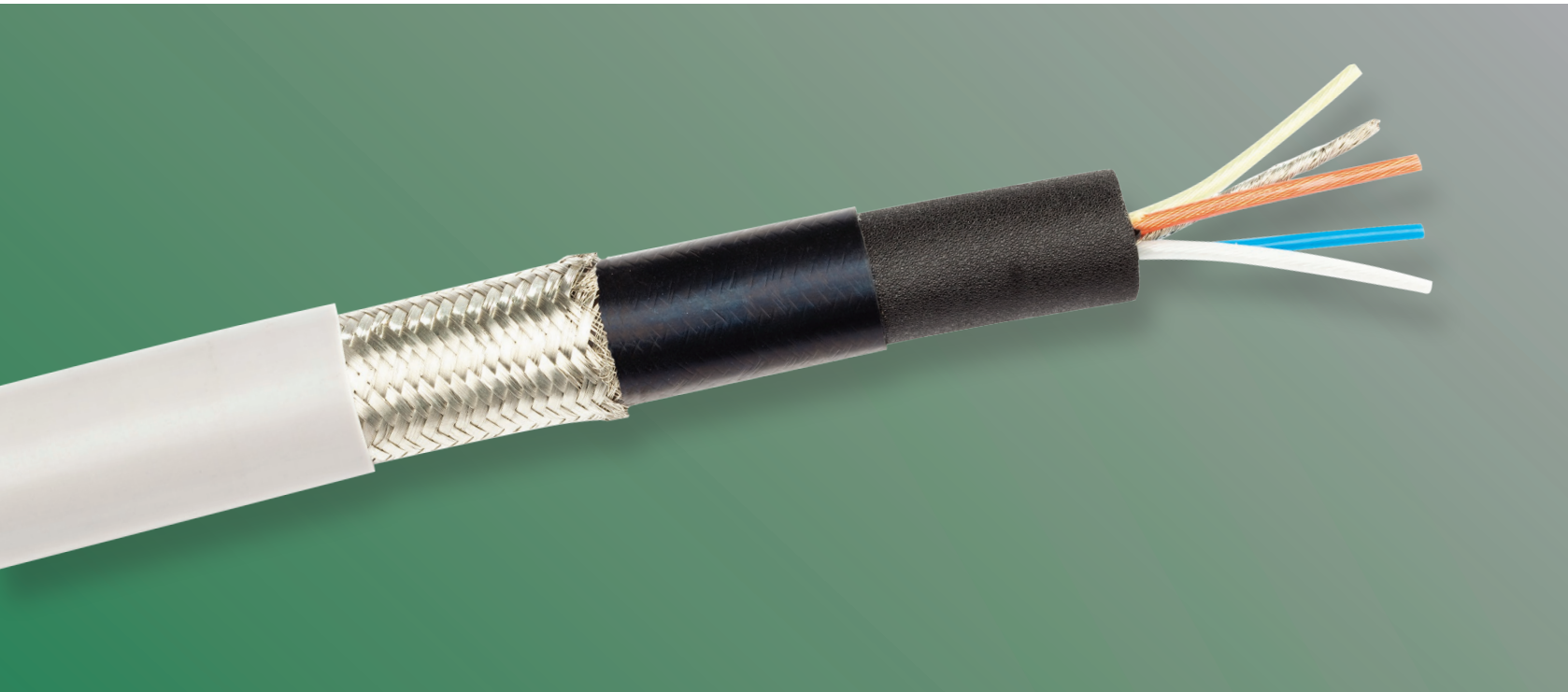


A5-TYPE

75 kVDC rated High Voltage Cable



Highly flexible, small diameter, low capacitance, 5-conductor, 75 kVDC rated rubber insulated high voltage cable.

FEATURES

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

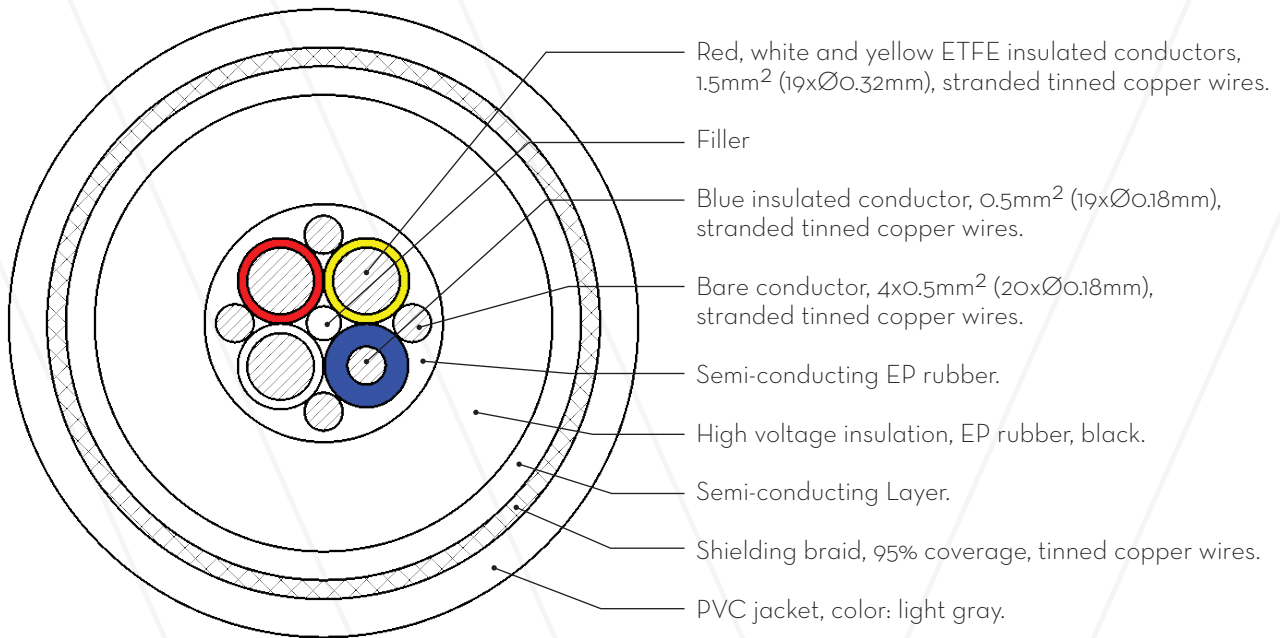
DESCRIPTION

This 5-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 A5-TYPE CABLE

(Illustration is not to scale)



Technical Specifications

Number of conductors	5
Rated voltage	75 kVDC
Routine test voltage (high voltage insulation)	120 kVDC / 10 min
Rated voltage (conductor insulation)	750 VACrms / 1000 VDC
Rated voltage (Blue conductor insulation)	1500 VACrms / 2000 VDC
Maximum conductor current	1.5 mm ² : 18 A; 0.5 mm ² : 8 A; 2 mm ² : 20 A
Corona level @ 75 kVDC	≤10 pC
Nominal outside diameter	19.3 ±0.7 mm / 0.76 ±0.028 in
Insulation resistance core to shield @ 20°C	≥1x10 ¹² Ω m / ≥3x10 ¹² Ω ft
Conductor Resistance	
Bare conductor @ 20°C	8.9 mΩ/m / 2.7 mΩ/ft / ±10%
Blue conductor @ 20°C	37.1 mΩ/m / 11.3 mΩ/ft / ±10%
Red/White/Yellow conductor @ 20°C	11.9 mΩ/m / 3.6 mΩ/ft / ±10%
Shield resistance @ 20°C	7.9 mΩ/m / 2.4 mΩ/ft / ±10%
Capacitance between conductors and shield	134 pF/m / 41 pF/ft / ±10%
Cable min. bending radius (static installation)	39 mm / 1.52 in
Cable min. bending radius (dynamic installation)	77 mm / 3.04 in
Operating temperature	-10/+70°C / +14/+158°F
Storage temperature	-40/+70°C / -40/+158°F
Net weight	440 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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