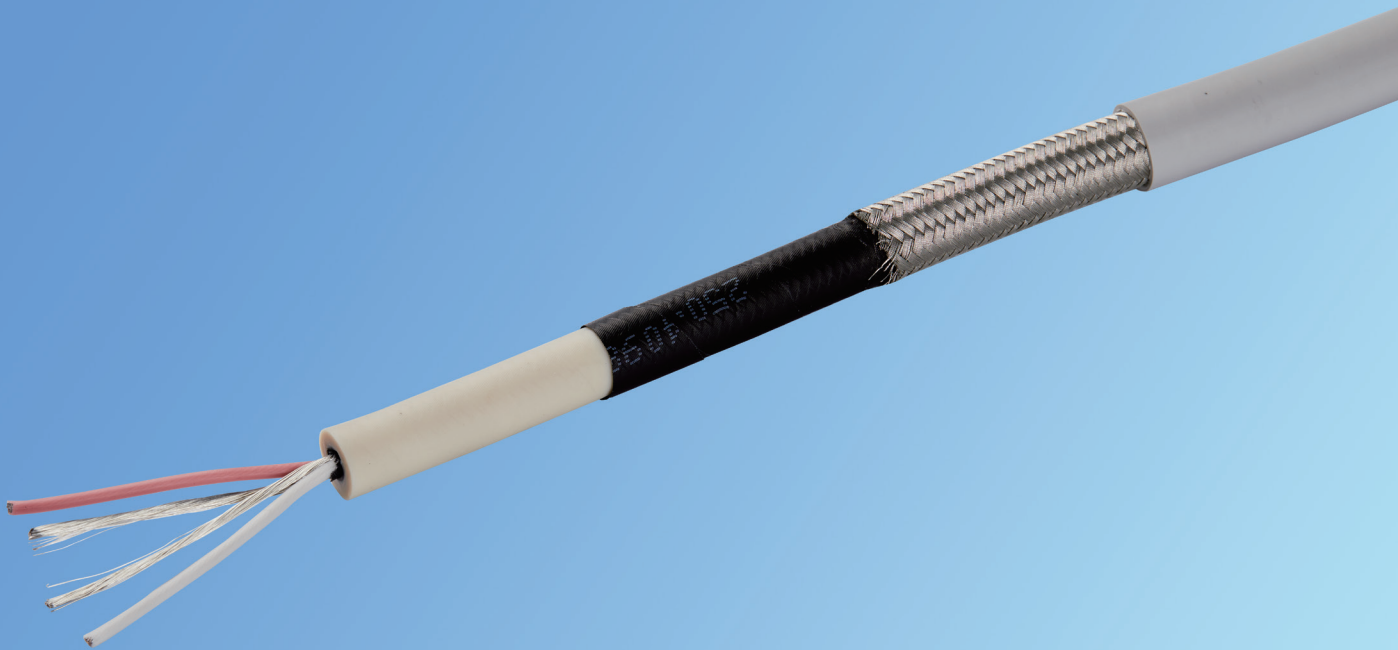




HIGH-PERFORMANCE CABLE SOLUTION

VERTEX-R™ VTX-R1RX-type 75kVDC rated High Voltage Cable



APPLICATION

The VERTEX-R line is designed specifically for Radiographic X-ray applications such as standard X-ray, computed tomography and angiography equipment.

STANDARD

Enterprise standard for DC high-voltage cables for X-ray equipment.

FEATURE

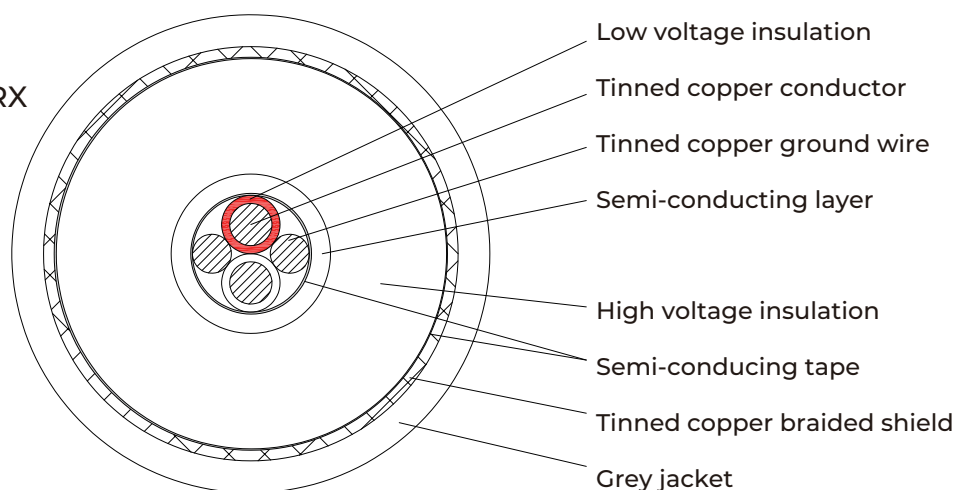
- Low capacitance.
- High flexibility.
- Small diameter.
- 95% cable shield braid density.
- RoHS & REACH compliant.

MAIN TECHNICAL PARAMETER

SPECIFICATION	REQUIREMENTS
Rated voltage	75kVDC
General test voltage (high voltage insulation)	120kVDC/10min
Rated voltage (Conductor Insulation)	2kVAC
Maximum conductor current	18A
Nominal outside diameter	14.5±0.5mm
Insulation resistance of conductor core to shield at 20 °C	$\geq 1 \times 10^{12} \Omega \cdot m$
Conductor resistance DC at 20 °C	11.9mΩ/m±10%
Bare ground wire resistance DC at 20 °C	9.0mΩ/m±10%
Capacitance between conductors and shield	175±17pF/m
Min bending radius(static insulation)	<35mm
Min bending radius(dynamic installation)	<70mm
The cable has undergone 100000 bending and twisting cycles	normal operation
Storage temperature	-40 °C~+70 °C
Operating temperature	-10 °C~+70 °C
Net weight	256kg/km

DIAGRAM

VERTEX-R™ VTX-R1RX



White and red insulation is 1.5mm², The ground wire is 1.8mm².



HIGH-PERFORMANCE CABLE SOLUTION

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