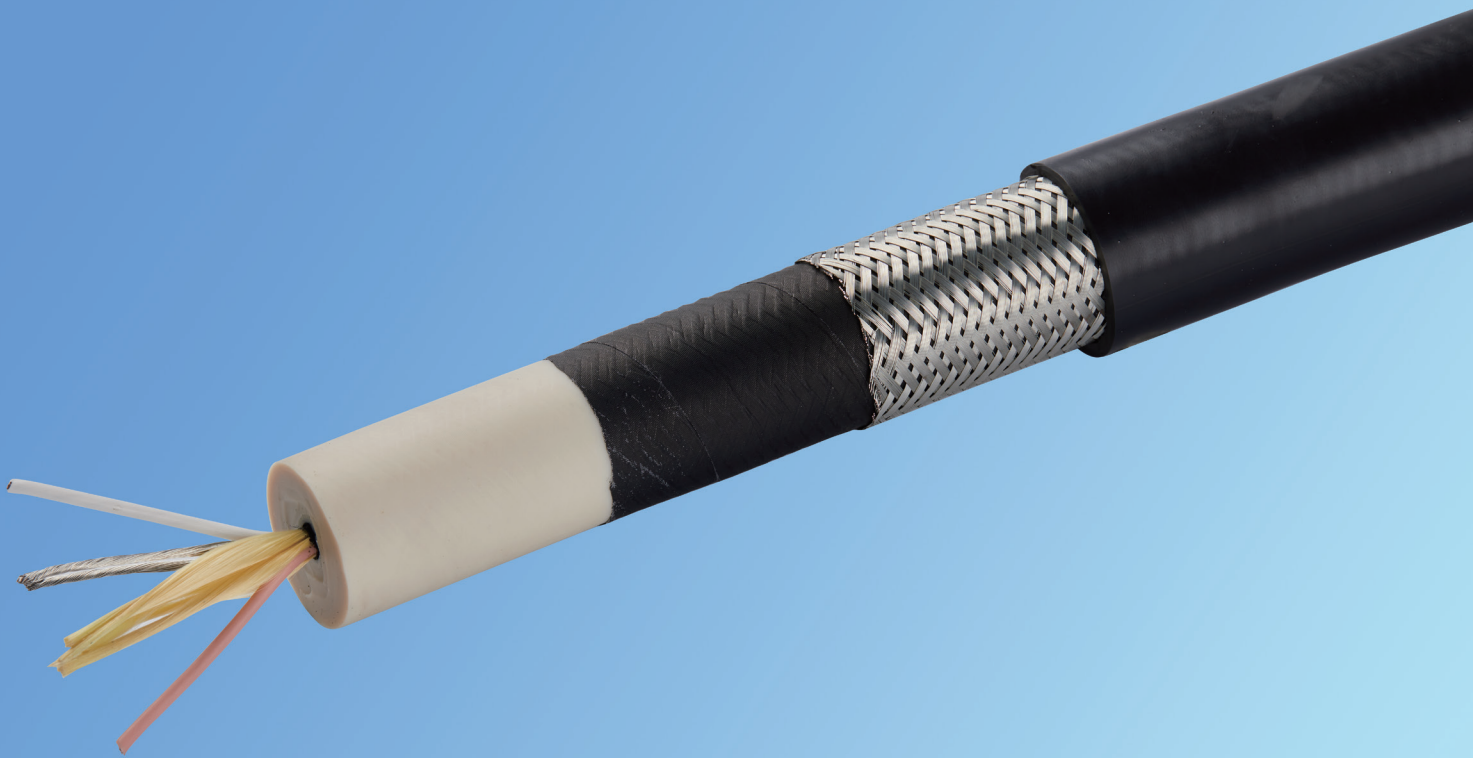




HIGH-PERFORMANCE CABLE SOLUTION

VERTEX-N™ VTX-N2-type 250kVDC rated High Voltage Cable



APPLICATION

The VERTEX-N line is designed specifically for industrial NDT applications.

STANDARD

Enterprise standard for DC high-voltage cables used in X-ray machines.

FEATURE

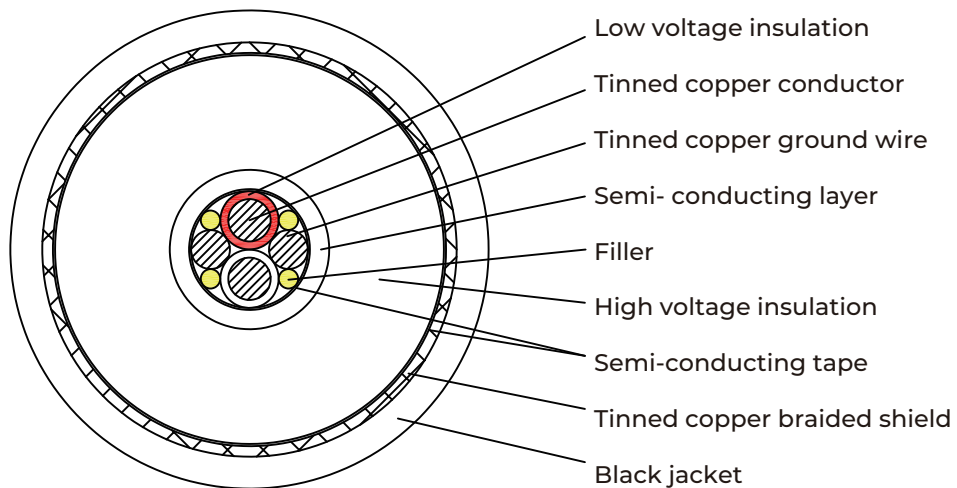
- Low Capacity.
- High flexibility.
- Tinned copper braided shielding with a braiding density of 80%.
- RoHS & REACH compliant.

MAIN TECHNICAL PARAMETER

SPECIFICATION	REQUIREMENTS
Rated Voltage	250kVDC
General test voltage (high voltage insulation)	300kVDC/10min
Rated voltage (Conduct insulation)	4.5kVACrms
Maximum Conduct Current	15A
Nominal Outer diameter	35.5±1.5mm
Insulation resistance of conductor core to shielding at 20 °C	≥1×10 ¹² Ω·m
Conductor resistance DC at 20 °C	11.4mΩ/m±10%
Bare ground wire resistance DC at 20 °C	6.6mΩ/m±10%
Capacity between Conductor and Shield	95±10pF/m
Minimum static bending radius	<90mm
Minimum dynamic bending radius	<180mm
Transportation & Storage Temperature	-40 °C~+70 °C
Operating Temperature	-10 °C~+70 °C
Net weight	1238kg/km

DIAGRAM

VERTEX-N™ VTX-N2



White and red insulation is 1.5mm², ground wire is 1.25mm².



HIGH-PERFORMANCE CABLE SOLUTION

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