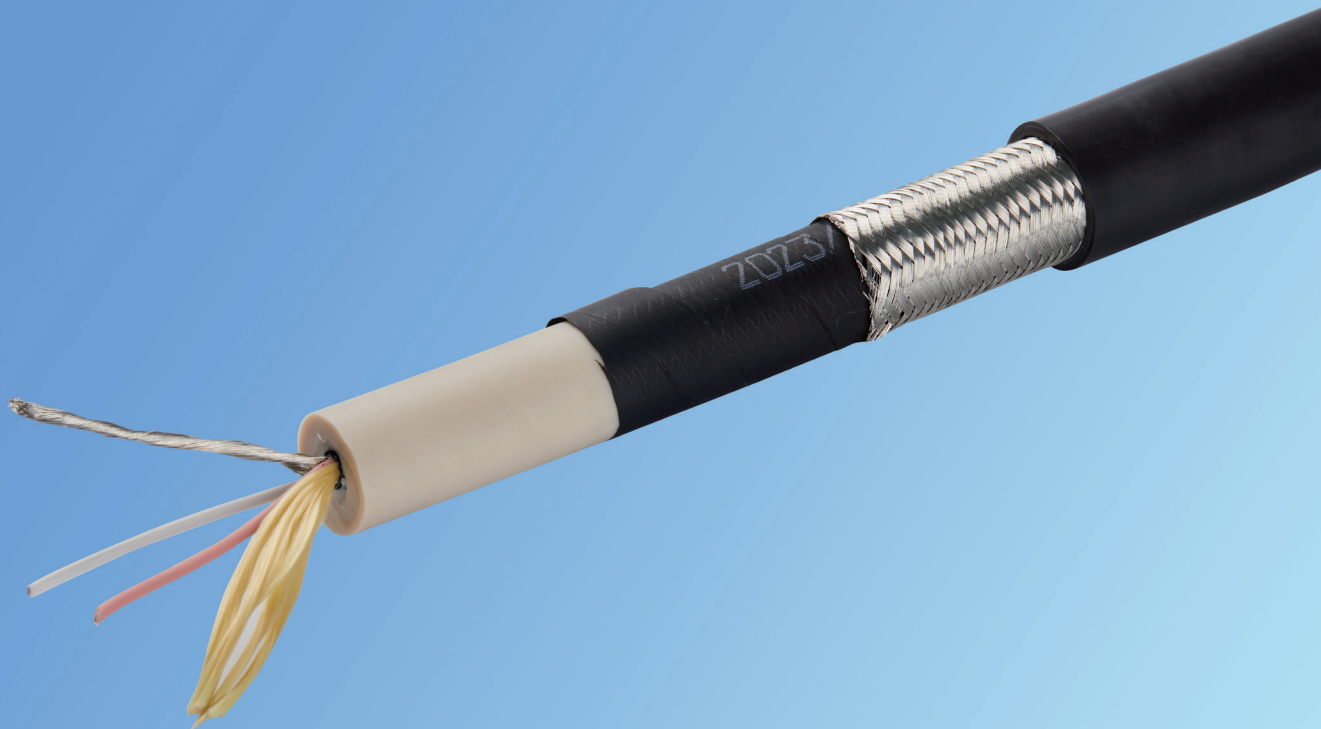




HIGH-PERFORMANCE CABLE SOLUTION

VERTEX-N™ VTX-N1-type 160kVDC rated High Voltage Cable



APPLICATION

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

STANDARD

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

FEATURE

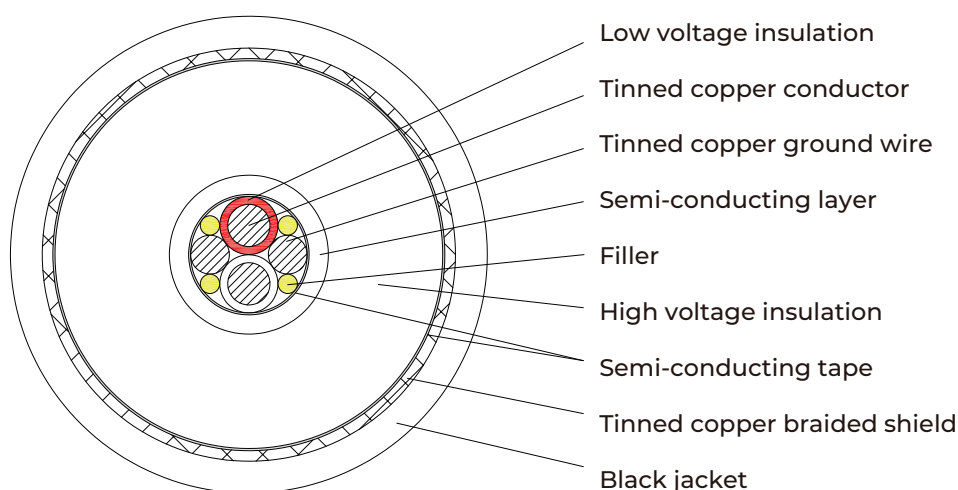
- High flexibility.
- 95% cable shield braid density.
- RoHS & REACH compliant.

MAIN TECHNICAL PARAMETER

SPECIFICATION	REQUIREMENTS
Rated Voltage	160kVDC
General test voltage (high voltage insulation)	220kVDC/10min
Rated Voltage (Conductor Insulation)	2kVAC
Maximum conductor current	1.5mm ² : 15A; 1.25mm ² : 14A
Nominal outer diameter	28±1.0mm
Insulation resistance of conductor core to shield at 20 °C	≥1×10 ¹² Ω·m
Conductor resistance DC at 20 °C	11.9mΩ/m±10%
Bare ground wire resistance DC at 20 °C	7.7mΩ/m±10%
Capacitance between conductor and shield	105±10pF/m
Minimum static bending radius	<70mm
Minimum dynamic bending radius	<140mm
Transportation and storage temperature	-40 °C~+70 °C
Operating temperature	-10 °C~+70 °C
Reference weight	881kg/km

DRAGRAM

VERTEX-N™ VTX-N1



White & Red Insulation is 1.5mm², Ground wire is 2.5mm².



HIGH-PERFORMANCE CABLE SOLUTION

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