



HIGH-PERFORMANCE CABLE SOLUTION

## VERTEX-N™ VTX-N2/VC-N1SL/VC-N190SL High Voltage Cable Assembly



### APPLICATION

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

### STANDARD

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

### FEATURE

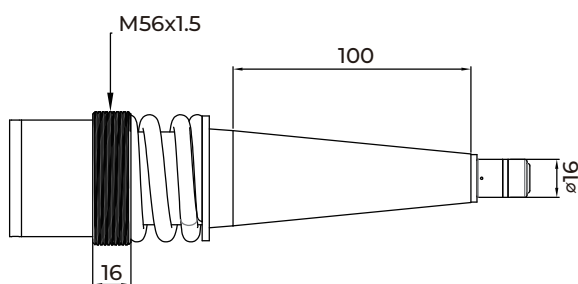
- The connector is straight or 90 degree bent
- Select small diameter, high flexibility cable.
- High temperature plug.
- When assembling a plug and socket, a layer of silicone grease must be coated on the end face of the pin to avoid discharge along the connector surface.
- RoHS & REACH compliant.

## MAIN TECHNICAL DATA

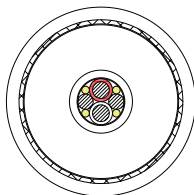
| SPECIFICATION                                  | REQUIREMENTS            |
|--|-------------------------|
| Core   | 3                       |
| Rated Voltage                                  | 225kVDC                 |
| General test voltage (high voltage insulation) | 250kVDC/30min           |
| Capacitance between conductors and shield      | 95±10pF/m               |
| Insulation resistance at 20°C                  | ≥1×10 <sup>12</sup> Ω·m |
| Storage temperature                            | -40 °C~+70 °C           |
| Operating temperature                          | -10 °C~+70 °C           |

## DIAGRAM

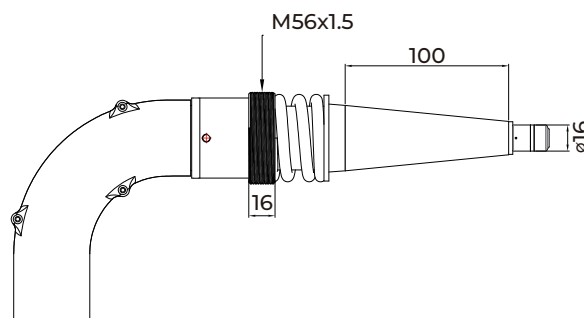
VERTEX-N™ VC-N1SL



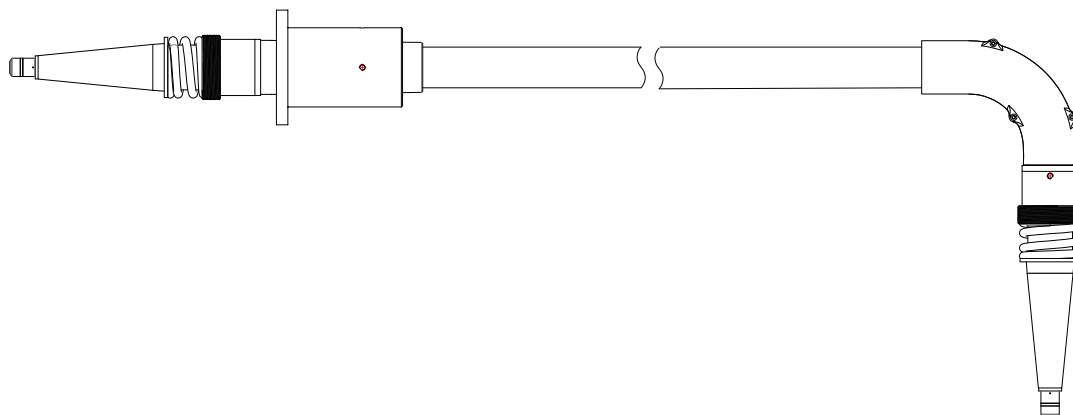
VERTEX-N™ VTX-N2



VERTEX-N™ VC-N190SL



VERTEX-N™ VTX-N2/VC-N1SL/VC-N190SL



## NOTE

More technical information in the component leaflets like cable, connector and receptacle.



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