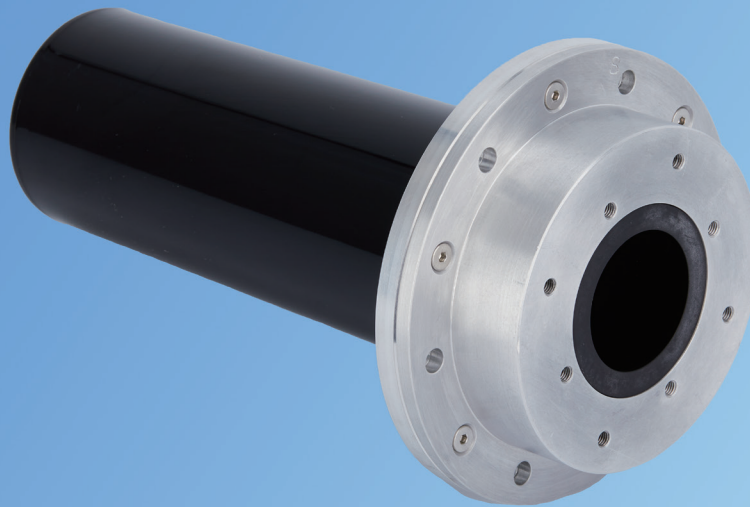


VERTEX-N™ VR-N1 Generator Receptacle for up to 160kVDC



APPLICATION

The VERTEX-N™ VR-N1 is an industrial high-voltage socket assembly.

STANDARD

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

FEATURE

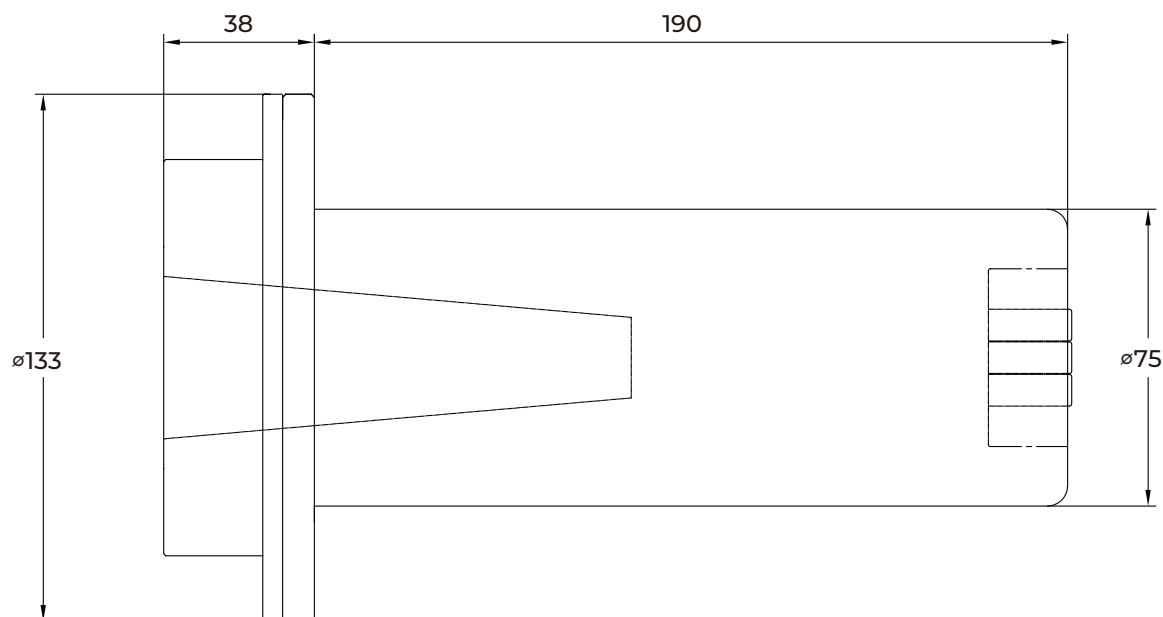
- Potting molded socket with excellent oil resistance.
- Using high insulation resistivity and high temperature resistant thermosetting materials.
- The socket does not use adhesive joints, so it will not loosen under thermal cycling conditions.
- RoHS & REACH compliant.

MAIN TECHNICAL PARAMETER

SPECIFICATION	REQUIREMENTS
Rated voltage between pin and flange	160kVDC
Maximum withstand voltage between pins	1500VDC/1000VAC
Maximum conductor current at 20 °C	16A
Insulation resistance between pins at 20 °C	$>10^{10}\Omega$
Insulation resistance between pin and flange at 20 °C	$>10^{10}\Omega$
Contact resistance at 20 °C	$<1\text{m}\Omega$
Maximum continuous operating temperature	120 °C
Storage temperature	-15 °C~70 °C
Airtightness	0.304MPa
Net weight	1.03kg

DIAGRAM

VERTEX-N™ VR-N1



HIGH-PERFORMANCE CABLE SOLUTION

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