



HIGH-PERFORMANCE CABLE SOLUTION

VERTEX-R™ VTX-R3/VC-R1/VC-R190 High Voltage Cable Assembly



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 assembly for X-ray equipment.

FEATURE

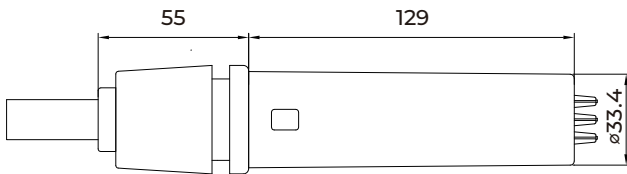
- Suitable for a variety of small diameter, high flexible cable types.
- Tinned copper braid shield, braid density up to 95%.
- Replaceable spring pin, optional silicone gasket.
- Cable assembly is easy to assemble.
- Ring nut: Thread specification 2 1/2-20UN, accessories can be customized.
- Cable tail sleeve reduces cable bending stress and prolongs cable life.
- RoHS & REACH compliant.

MAIN TECHNICAL DATA

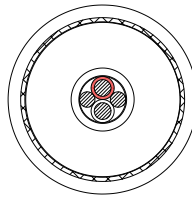
SPECIFICATION	REQUIREMENTS
Core	3
Rated Voltage	100kVDC
Rated voltage (Conductor Insulation)	2kVAC
Maximum conductor current	18A
General test voltage (high voltage insulation)	125kVDC/15min
Capacitance between conductors and shield	135±13pF/m
Insulation resistance at 20°C	≥1×10 ¹² Ω·m
Storage temperature	-40 °C~+70 °C
Operating temperature	-10 °C~+70 °C

DIAGRAM

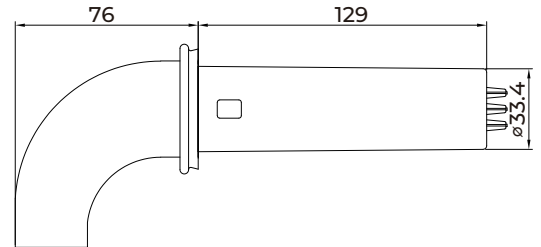
VERTEX-R™ VC-R1



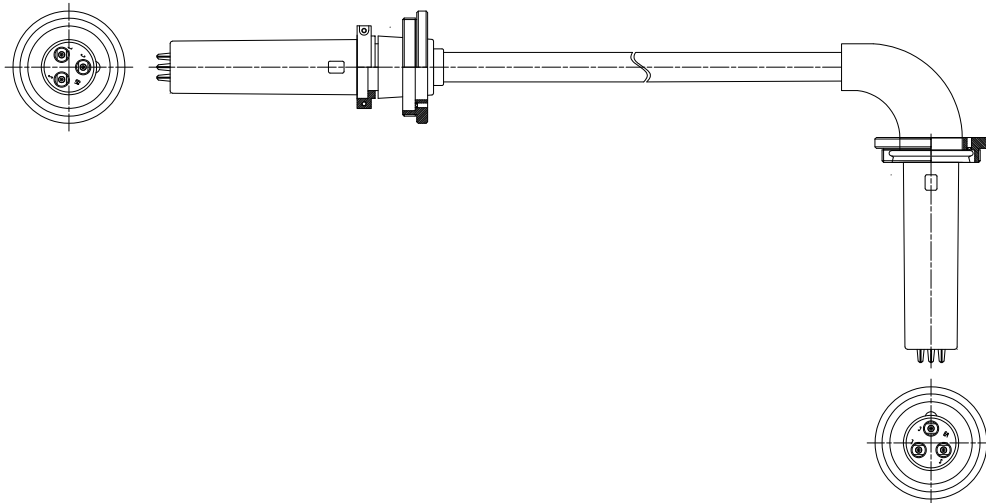
VERTEX-R™ VTX-R3



VERTEX-R™ VC-R190



VERTEX-R™ VTX-R3/VC-R1/VC-R190



NOTE

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



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