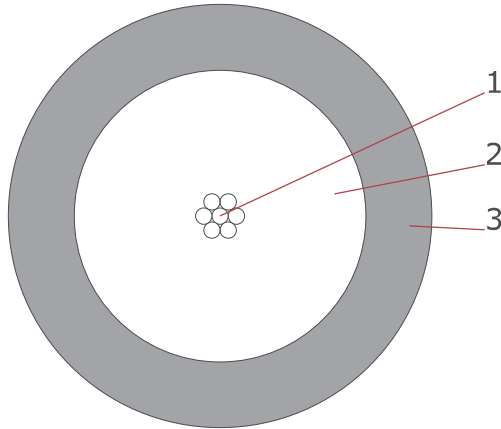


HTV-50-22-2

50kV_{DC} - AWG22 - XLPE DIELECTRIC
 AWM STYLE 3875 - INTERNAL USE

CONSTRUCTION



1. Conductor	AWG22 Cu/Sn (7xAWG30 Cu/Sn [compact tinned MGZ≈15. bunched. re-tinned])	0.36mm ² Ø 0.76mm
2. Dielectric	XLPE	Ø 4.6mm ± 0.2mm
3. Jacket	PVC	Ø 6.6mm ± 0.2mm

TECHNICAL DATA

Rated Voltage	50kV _{DC}
Test Voltage	30kV _{AC} (Spark Test)
Conductor Resistance @20°C	≤ 58 Ω/km
min. Bend Radius	66mm (moving), 33mm (fixed)
Operating Temperature	-15°C - +105°C
Oil Resistance	according to UL1581 Tab.50.182. ≤ 60°C
Flame Retardance	according to UL2556. Horizontal Flame Test
RoHS Compliant	Yes
Weight	ca. 0.043kg/m
Color	red (~RAL 3000)
Status	P (Preferred)

The cable has been tested according to UL758 at 30kV_{ac} (spark test) during production. It is recommended to derate the operating voltage for continuous operation. The user has to ensure by adequate tests that the cable is suitable for his application.

