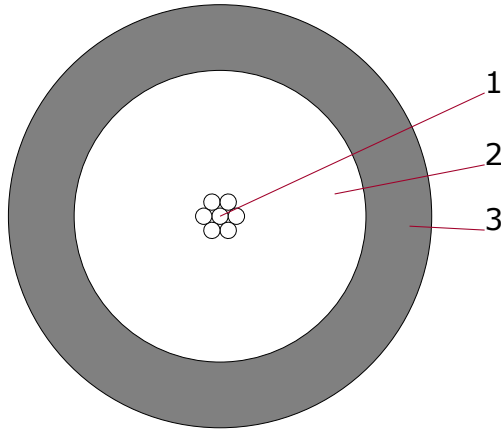


## HTV-50-22-2

50kV<sub>DC</sub> - AWG22 - PE-X DIELECTRIC  
 AWM STYLE 3875 - INTERNAL USE

### CONSTRUCTION



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

### TECHNICAL DATA

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

The cable has been tested according to UL758 at 30kV<sub>ac</sub> (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.

