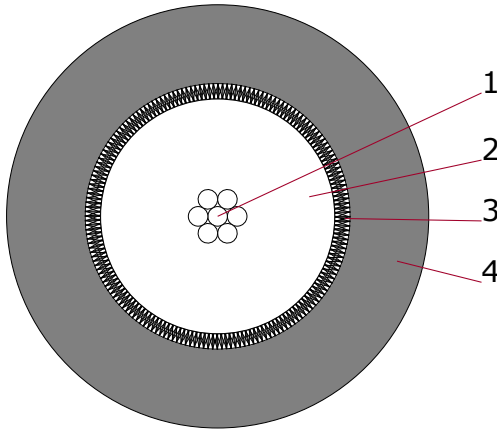


## HTV-30S-22-2

30kV<sub>DC</sub> - AWG22 - PE-X DIELECTRIC  
 ⚡ AWM STYLE3873 - 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 3.2mm ± 0.15mm
<b>3. Braid</b>	Cu/Sn (0.1mm t.p.c.) 85% Coverage	Ø 3.5mm ± 0.1mm
<b>4. Jacket</b>	PVC	Ø 5.5mm ± 0.2mm

### TECHNICAL DATA

<b>Rated Voltage</b>	30kV <sub>DC</sub>
<b>Test Voltage</b>	61kV <sub>DC</sub> / 1min (core / braid) 20kV <sub>AC</sub> (Spark Test, core) Extended dielectric strength test 48kV <sub>DC</sub> / 24h available on request.
<b>Conductor Resistance @20°C</b>	≤ 58Ω/km
<b>Impedance</b>	60Ω
<b>Capacitance</b>	typ. 105pF/m
<b>min. Bend Radius</b>	55mm (moving), 27mm (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. 0.039kg/m
<b>Cu-Weight</b>	ca. 0.012kg/m
<b>Color</b>	red (~RAL 3000)
<b>Status</b>	P (Preferred)

The cable is compatible with HC52 Series high voltage connector HC52P-HTV30S.

