

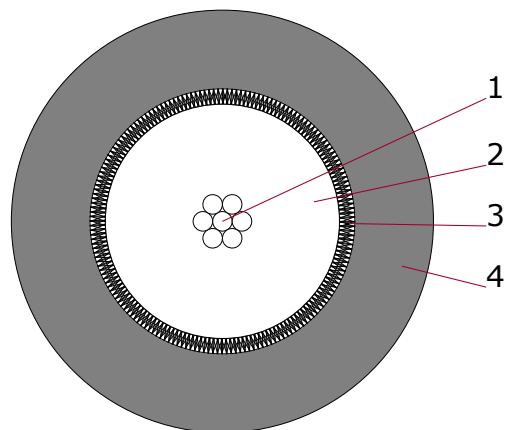
HTV-30S-22-0

30kV_{DC} - AWG22 - PE-X DIELECTRIC
 AWM STYLE 3873 - INTERNAL USE

PRODUCT DESCRIPTION

Shielded 30kV_{DC} high voltage cable with PE-X dielectric and PVC jacket. UL recognized AWM style 3873 (internal use). Oil resistant and flame retardant according below standards.

CONSTRUCTION



| | | |
|----------------------|---|---------------------------------|
| 1. Conductor | AWG22 Cu/Sn (7xAWG30 Cu/Sn (compact tinned MGZ≈15, bunched, re-tinned)) | 0.36mm ² Ø 0.76mm |
| 2. Dielectric | PE-X | Ø 3.05mm ± 0.1mm |
| 3. Braid | Cu/Sn (0.1mm t.p.c.) 85% Coverage | Ø 3.5mm ± 0.1mm |
| 4. Jacket | PVC | Ø 5.45mm ± 0.2mm |

TECHNICAL DATA

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

This cable can be terminated with our HC52 series high voltage connector HC52P-HTV30S and our HS/HB connector series.

