

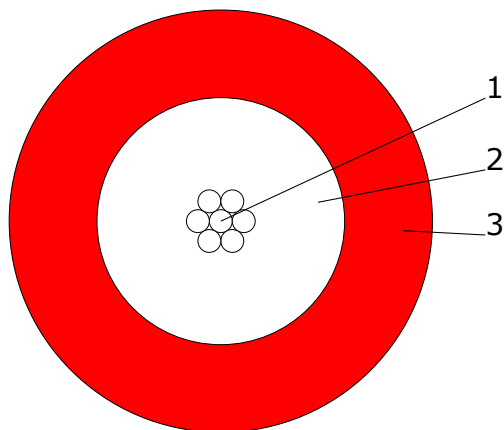
HTV-20-22-2

20kV_{DC} - AWG22 - PE-X DIELECTRIC
 AWM STYLE 3871 - INTERNAL USE

PRODUCT DESCRIPTION

Unshielded 20kV_{DC} high voltage cable with PE-X dielectric and PVC jacket. UL recognized AWM style 3871 (internal use).
 Oil resistant and flame retardant according to below mentioned files.
 RoHS compliant.

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 2.8mm ± 0.1mm
3. Jacket	PVC	Ø 4.7mm ± 0.2mm

TECHNICAL DATA

Rated Voltage	20kV _{DC}
Test Voltage	15kV _{AC} (Spark Test)
Conductor Resistance @ 20°C	≤ 58Ω/km
min. Bend Radius	48mm (moving), 24mm (fixed)
Operating Temperature	-15°C - +105°C
Oil Resistance	according to DIN EN 60811-2-1, 168h ≤ 80°C
Flame Retardance	according to UL2556, Horizontal Flame Test
RoHS Compliant	Yes
Weight	ca. 0.027kg/m
Color	red (~RAL 3000)
Status	S (Special)

The cable has been tested according to UL758 at 15kV_{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.

