

## HPW-30S-0.34-A-2

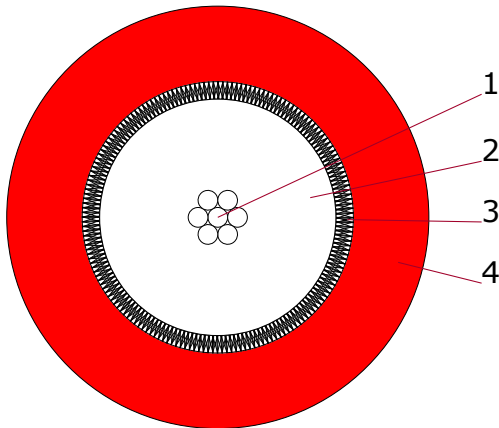
30kV<sub>DC</sub> - AWG22 - PE-X DIELECTRIC

### PRODUCT DESCRIPTION

30kV<sub>DC</sub> coaxial high voltage cable. Halogen free, non corrosive, flame retardant, low smoke (FRNC/LSZH). RoHS / REACH compliant. The PE-X jacket is oil resistant.

The cable is fully compatible with our HC52P-HTV30S 20kV high voltage connectors.

### CONSTRUCTION



<b>1. Conductor</b>	AWG22 Cu/Sn (7xAWG30 Cu/Sn (compact tinned MGZ≈15, bunched, re-tinned))	0.34mm <sup>2</sup> Ø 0.76mm
<b>2. Dielectric</b>	PE-X	Ø 3.05mm ± 0.1mm
<b>3. Braid</b>	Cu/Sn (0.1mm t.p.c.) 85% Coverage	Ø 3.5mm
<b>4. Jacket</b>	PE-X	Ø 5.45mm ± 0.2mm

### TECHNICAL DATA

<b>Rated Voltage</b>	30kV <sub>DC</sub>
<b>Test Voltage</b>	61kV <sub>DC</sub> / 1min (conductor / braid) 48kV <sub>DC</sub> / 24h (conductor / braid) 20kV <sub>AC</sub> (Spark Test, core)
<b>Conductor Resistance @ 20°C</b>	≤ 59Ω/km
<b>Impedance</b>	typ. 60Ω
<b>Capacitance</b>	typ. 105pF/m
<b>min. Bend Radius</b>	55mm (moving), 28mm (fixed)
<b>Operating Temperature</b>	-25°C - +105°C
<b>Oil Resistance</b>	according to DIN EN 60811-404 (168h 100°C)
<b>Flame Retardance</b>	according to DIN EN 60332-1-2 (60s)
<b>Low Smoke</b>	Yes
<b>Halogen-free</b>	Yes (LSZH)
<b>RoHS Compliant</b>	Yes
<b>Weight</b>	ca. 0.039kg/m
<b>Cu-Weight</b>	ca. 0.013kg/m
<b>Color</b>	red (~RAL 3000)
<b>Status</b>	P (Preferred)

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