



CH [(9 Li12Y 0,22) FDF + 10 Li12Y 1,00] FCVI11Y AWM Style 20236 80°C 30V

1 Element (9Li12Y 0,22 qmm)FDF:

Cu-Wire: 7 x 0,20 mm blk
Core Isolation: TPE-E 1,07 +/- 0,5 mm
Core Colour: white, green, yellow, red, brown, orange, blue, grey, black
Stranding: 9 Cores 0,22 qmm und Filler (massive) + PET-Foil
D-Shade: Apportionment from wires 0,13 mm tinned, opt. Coverage approx. 90 %
Banding: PET-Foil

10 Cores Li12Y 1,0 qmm:

Cu-Wire: 19 x 0,26 mm blk
Core Isolation: TPE-E 1,85 +/- 0,05 mm
Core Colour: white, red, green, purple, green/yellow*, green, black, blue, brown, yellow (*ring printed)

Total Cable:

stranding: 10 Cores 1,0 qmm arround element + PET foil
C-Shade: Braid of wires 0,15 mm tinned, opt. Coverage approx. 85%
Banding: PES - Fleece
Jacket: TPE-U(PUR), halogenfree
10,40 +/- 0,3 mm
- molded over
Jacket Colour: grey like RAL 7001, satin finish
Overprint: acc. to UL + Customer request possible E472542
Cable Weight: ca. 224 kg/km

Mechanical Properties:

For flexible use
Bending radius (fixed): > 7,5 x Cable-Outer Diameter
Bending radius (moved): > 15 x Cable-Outer Diameter

Fire Behavior:

Flame retardant accotding to UL (Cable Flame) and DIN EN 60332-1-2 (60 sec.)

Thermal Properties:

Temperature Range (fixed): - 40 bis + 80°C
Temperature Range (moved): - 25 bis + 80°C

Electrical Properties:

Nominal Voltage: 30 V AC
Test Voltage: 1500 V AC (Sparktest online)
Conductor Resistance 0,22 qmm: max. 89 Ohm/km at 20°C
Conductor Resistance 1,00 qmm: max. 20 Ohm/km at 20°C
Insulation Resisitance: min. 100 MOhm/km at 20°C

Further electrical values (capacitance, inductance) must be measured on the initial sample.

Additional:

- Jacket: - oil-resistant according to DIN EN 60811-404 (168 h 100 ° C)
- Resistant to hydrolysis and microbes
 - resistant to sea water
 - generally good chemical resistance

Articlenumber : 3501100905

- Further formats available on request
- All data and products subject to change