

HELUDATA® 2919 PE/PVC-TP 30 GREY

UL Style 2919, 30 V, 80°C



HELUDATA® 2919 PE/PVC-TP 30 GREY E170315 AWM Style 2919 80°C 30V

TECHNICAL DATA

PVC data cable acc. to UL-Std. 758 (AWM) Style 2919

Temperature range	fixed -30°C to +80°C
Peak operating voltage	30 V (not for high power current installation purposes)
Test voltage core/core	1000 V
Mutual capacitance core/core	at 800 Hz, approx. 43 pF/m
Mutual capacitance core/screen	at 800 Hz, approx. 72 pF/m
Characteristic impedance	100 Ohm, (approx. value)
Inductance	approx. 0.70 mH/km
Minimum bending radius	fixed 15x Outer-Ø

■ CABLE STRUCTURE

- Copper wire tinned, stranded, AWG sizes
- Core insulation: Foam PE
- Core identification: colour coded, pairs:
 - No. 1: white-blue / blue-white
 - No. 2: white-orange / orange-white
 - No. 3: white-green / green-white
 - No. 4: white-brown / brown-white
- x = without protective conductor

- Cores stranded in pairs with optimal lay lengths
- Screen: plastic-coated aluminium foil (St)
- Drain wire, tinned copper
- Outer sheath: PVC
- Sheath colour: grey (RAL 7005)
- Length marking: in metres

■ PROPERTIES

- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers
- low capacitance

■ TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2, UL VW-1

■ APPLICATION

UL-approved data cable for applications in industrial automation and process control; for fixed installation in dry or damp environments.

Part no.	No. cores x AWG-No.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.
18024379	2 x 2 x 24	6.0 - 6.6	10.5	44.9

Part no.	No. cores x AWG-No.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.
18024380	4 x 2 x 24	6.8 - 7.4	19.0	55.0