



Data Sheet	2170344
UNITRONIC® FD P DeviceNet™ THICK (PUR) UL/CSA (CMX)	Valid from: 26.10.2006



Design

a) Pair 02YS(ST) 1X2X1.3/3.8-120

Wire

Stranded tinned copper wire 40 X 0.18 (18AWG)

∅ 1.3 mm (0.051 in)

Insulation of foamed Polyethylene (PE) with skin, halogen free

∅ 3.8 mm (0.150 in)

Wall thickness approx. 1.2 mm

2 wires, white (WH) and blue (BU) side by side

Alulaminated foil overlapped, applied longitudinally

b) Pair LI2Y(ST) 1X2X1.5/2.7

Wire

Stranded tinned copper wire 84 X 0.16 (15AWG)

∅ 1.7 mm (0.067 in)

Insulation of Polyethylene (PE), halogen free

∅ 2.7 mm (0.106 in)

Wall thickness approx. 0.5 mm

2 wires, red (RD) and black (BK) side by side

Alulaminated foil overlapped, applied longitudinally

Core

Central element: Stranded tinned copper drain wire 0.86 mm² (19x0.24)

1 Pair 02YS(ST) 1X2X1.3/3.8-120 LI VZN

1 Pair LI2Y(ST) 1X2X1.5/2.7 VZN

+ fillers

Plastic tape conductive

Shield braiding of tinned copper wires 0.13 mm diameter,

coverage approx. 80%, plastic tape, overlapped

∅ 8.8 mm (0,346 in)

Jacket

Polyurethane (PUR) violet (VT), halogen free

Wall thickness approx. 1.7 mm

∅ 12.2 ±0.3 mm (0,480 ±0,012 in)

Marking: LAPP KABEL STUTTGART UNITRONIC® FD P DeviceNet™ THICK (PUR) UL/CSA

1x2xAWG18 +1x2xAWG15 (SHIELDED) * (UL) E224252 CMX 75°C or CL2X Sun Res *

ROHS ART. 2170344

