



NEXANS EIB/KNX BUS CABLE

2 x 2 x 0.8 mm

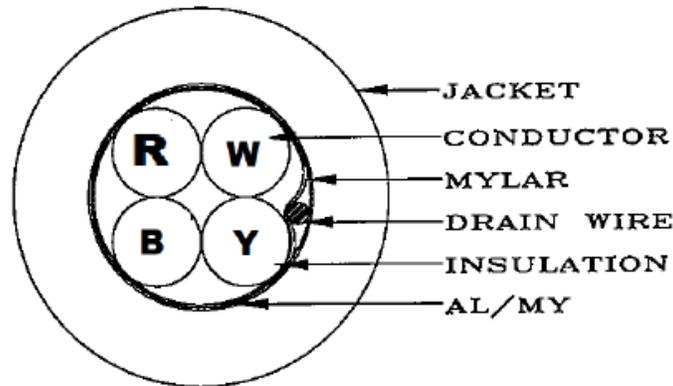
P/N :10100100A

Version: 1

Applications

Screened Multi-Conductor cable suitable for Automated Industrial System, Process Control, Manufacturing Assembly Lines.

Voltage Rating	: 300 V (Max.)
Operating temperature	: Max 80°C Min-10°C
Bending radius	: 10 x Diameter
Flame retardant	: In accordance to IEC 60332-1-2.
Environmental requirement	: UV Resistant, RoHS and Reach



Design

1) Conductors: Bare Annealed Copper

Diameter: 0.800 mm

Combination: Single Strand

Strand Diameter: 0.80 mm (reference)

Cross Section: 0.5027 mm² (approx.)

Nexans	No pair x cross sec.	Strands Combinations	Cross Section Area
Part Number		mm	mm ²
10100100	2 x 2 x 0.8 mm	0.800/1	0.5027

2) Insulation: Polyvinyl Chloride (PVC)

Diameter: 1.80 ± 0.05 mm

Thickness: 0.40 mm (Nominal)

Insulation color

ORANGE x WHITE, BLACK x YELLOW



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3) Wrapper:

Material: Mylar

4) Drain Wire:

Material: Bare Annealed Copper

Composition: 1 pcs / 0.40 mm

5) Wrapper:

Material: Aluminum Mylar (AL/MY)

6) Outer sheath:

The outer sheath shall be extruded Polyvinyl Chloride compounds (PVC);

Diameter: 6.20 ± 0.40 mm

Color: GREEN (RAL 6018)

Marking (Ink jet)

NEXANS EIB/KNX BUS CABLE 2x2x0.8mm YR/WW ROHS XXXM

Color: Black