UNITRONIC[®] BUS BlueFlex™

For Data Highway and Data Highway+ Bus Systems; Continuous Flex Applications; 78 Ω

LAPP KABEL STUTTGART UNITRONIC® BUS BlueFlex™



UNITRONIC® BUS BlueFlex™ is designed for use in Rockwell/Allen Bradley DH, DH+, and Remote I/O networks. BlueFlex™ is constructed to withstand continuous flex applications where EMC conditions are pervasive.

Construction

Conductors: Finely stranded tinned copper Insulation: Electronic-grade flexible TPE

Shielding: Overall tape shield; flexible tinned copper braid

(85% coverage) Jacket: PVC; blue

■ Recommended Applications

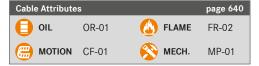
Industrial automation and process control field networks; sensors; valves; gauges; barcode readers; drives and operator interfaces.

Approvals











Application Advantage

- Signal integrity in continuous motion applications
- · Flame- and oil-resistant jacket
- · Flexible for ease of routing

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Minimum Bend Radius:

- for stationary use: 5 x cable diameter - for continuous flexing: 12 x cable diameter

Temperature Range: -20°C to +80°C

7 Nominal Voltage: 300V

Test Voltage: 3000V

Characteristic Impedance:	78 Ω
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17 pF/ft

Color Code: Blue/natural

Approvals: AWM 2661

> Attributes: NFPA 79 Additional: RoHS

Part Number	Conductor Description (AWG/Pair)	Nominal Outer Diameter (in) (mm)		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread
3649FD	20 AWG/1pr	0.242	6.15	14	33	53112210