

SDB3804931	PRODUCT DATA SHEET	
Valid from: 08.10.2021	UNITRONIC® ST2095 PE	

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LAPP KABEL STUTTGART UNITRONIC® ST 3x18AWG/16



Picture for illustration only and does not represent the detailed image of the respective product

1. Application

Suitable for use for audio, control signal and instrument measurement.

2. Reference Standard (s)

AWM Style 2095

3. Cable Construction

3.1. Conductor type	: Stranded Tinned Anneal Copper
3.2. Insulation	: Polyethylene
3.3. No. of Conductors	: 3
3.4. Core Colour	: Black, Red , Neutral
3.5. Drain Wire	: Stranded Tinned Copper Wires.
3.6. Shielding	: Overall screen with Polyester Aluminum Foil, 100% coverage.
3.7. Outer Sheath Material	: PVC compound
3.8. Outer Sheath Colour	: Refer to Dimension Data Clause 6.

4. Technical Data

4.1. Voltage Rating	: 300V Max.
4.2. Test Voltage	: 1.0kVAC/min
4.3. Characteristics Impedance	: 70 Ω, nominal (18AWG)
	: 100 Ω, nominal (20AWG)
4.4. Nom. Capacitance Cond. To Cond.	: 78.5pF/m (18AWG)
	: 90.0pF/m (20AWG)
4.5. Nom. Capacitance Cond. To Other (Cond. + Shield.)	: 158pF/m (18AWG)
	: 160pF/m (20AWG)
4.6. Min. Bending Radius	: 10xOD
4.7. Operating Temperature	: -30°C.to +80°C
4.8. Flame Retardant	: IEC60332-1-2
4.9. EU Directive	: 2011/65/EU (RoHS)

5. Approvals

Acc. to AWM Style 2095 (UL File # E63634)

6. Dimensional Data

Part No.	No. of conductor/ size AWG	Approx. Core diameter, mm	Outer Diameter mm	Outer Sheath Colour	Max. conductor resistance DC @ 20°C Ω/km	Approx. cable weight. kg/km
3804931	3x18 AWG	2.10	6.2	Pebble Grey RAL 7032	21.4	50.0
3804951	3 x 20AWG	1.76	5.5	Pebble Grey RAL 7032	36.7	46.0

Elaborated by: JEBE/ PM Approved by: CHLI/ PM	Document: SDB3804931 Version: 9	Page 1 of 1
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