

SDB0033002	PRODUCT DATA SHEET	
Valid from: 08.10.2021	UNITRONIC® ST 2092	

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1. Application

Internal wiring for audio, control and instrumentation measurement. Suitable for dry and damp environment.

2. Reference Standard (s)

UL 758 in acc. to UL Style 2092.

3. Cable Construction

3.1. Conductor type	: Stranded Tinned Copper Wires
3.2. Insulation	: Polyethylene
3.3. Cores	: Twisted into Pair
3.4. Core Identification	: Black and Natural
3.5. Shielding	: Overall Screen with Polyester Aluminium Foil, 100% Coverage
3.6. Drain Wire	: Stranded Tinned Copper Wires.
3.7. Outer Sheath Material	: PVC Flame Retardant compound
3.8. Outer Sheath Colour	: Pebble Grey, RAL 7032.

4. Technical Data

4.1. Voltage Rating	: 300 V.
4.2. Dielectric Test	: 1.0kVAC/min
4.3. Nom. Characteristics Impedance	: 65Ω
4.4. Nom. Capacitance Cond. To Cond.	: 45pF/m (24AWG)
	: 79pF/m (22AWG)
	: 90pF/m (20AWG)
	: 97pF/m (18AWG)
	: 82pF/m (16AWG)
4.5. Nom. Capacitance Cond. To Other (Cond. + Shield.)	: 107pF/m(24AWG)
	: 154pF/m(22AWG)
	: 160pF/m(20AWG)
	: 145pF/m(18AWG)
	: 168pF/m(16AWG)
4.6. Min. Bending Radius	: 10xOD
4.7. Operating Temperature	: -30°C.to +60°C
4.8. Flame Retardant	: IEC60332-1-2
4.9. EU Directive	: 2011/65/EU (RoHS)

5. Approvals

UL Recognised acc to UL Style 2092 (UL File # E63634)

Elaborated by: JEBE/ PM Approved by: CHLI/ PM	Document: SDB0033002 Version: 5	Page 1 of 2
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6. Dimensional Data

Part No.	No. of pairs and conductor size AWG	Insulation diameter, ±0.03mm	Outer Diameter ±0.5mm	Max. conductor resistance DC @ 20°C Ω/km	Approx. cable weight. kg/km
3804580	1 x 2 x 24AWG	1.5	4.8	94.2	25.4
3800764	1 x 2 x 22AWG	1.6	4.4	59.4	29.0
3804950	1 x 2 x 20AWG	1.8	5.6	36.7	35.0
0033002	1 x 2 x 18AWG	2.2	5.2	23.2	41.0
3804581	1 x 2 x 16AWG	2.4	6.7	14.6	63.5

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