

# COMPENSATING AND EXTENSION CABLES

## Compensation and Extension Cable JX connection cable between hot runner control and hot runner system



Thermoleitung (6 x 2 x 0,5 mm<sup>2</sup> JX) + 13 G 1,5 mm<sup>2</sup> CE

Marking for Hybrid thermo cable JX 04573652:

SAB BRÖCKSKES · D-VIERSEN · Hybrid-Thermoleitung (6 x 2 x 0,5 mm<sup>2</sup> JX) + 13 G 1,5 mm<sup>2</sup> CE

### Construction:

<b>Conductor:</b>	thermo strands Fe-CuNi for type J bare copper strands acc. to IEC 60228 class 5
<b>Insulation:</b>	PVC
<b>Colour code:</b>	black and white acc. to DIN IEC 584 type JX black with white numbers 1 to -4, -8, -12, -16 and a green-yellow earth wire (control cores)
<b>Wrapping:</b>	foil
<b>Screen:</b>	twisted JX element braided with tinned copper wires (optical coverage approx. 80%)
<b>Wrapping:</b>	banding
<b>Stranding:</b>	together
<b>Sheath material:</b>	PVC
<b>Sheath colour:</b>	black

### Outstanding features:

- › high flexibility
- › wear resistant
- › smallest bending radii

### Technical data:

<b>Nominal voltage:</b>	300/500 V control cores - (1,5 mm <sup>2</sup> )
<b>Testing voltage:</b>	2000 V - control cores - (1,5 mm <sup>2</sup> ) / 600 V (0,5 mm <sup>2</sup> )
<b>Thermoelectric voltage:</b>	acc. to IEC 60584 - (0,5 mm <sup>2</sup> )
<b>Min. bending radius</b>	
<i>fixed laying:</i>	5 x d
<i>flexible application:</i>	12 x d
<b>Temperature range</b>	
<i>fixed laying:</i>	-25/+70°C
<i>flexible application:</i>	+5/+70°C
<b>Oil resistance:</b>	good - acc. to SAB internal standard see page N/15
<b>Fire performance:</b>	acc. to DIN EN 60332-1-2 and IEC 60332-1-2
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17

item no.	dimensions mm <sup>2</sup>	for thermo- couple	outer-ø approx. mm	cable weight ≈ kg/km	
04573252	(2 x 2 x 0,5 JX) C +	5 G 1,5	Fe-CuNi	11,4	198
04573452	(4 x 2 x 0,5 JX) C +	9 G 1,5	Fe-CuNi	14,8	337
04573652	(6 x 2 x 0,5 JX) C +	13 G 1,5	Fe-CuNi	15,8	440
04573852	(8 x 2 x 0,5 JX) C +	17 G 1,5	Fe-CuNi	19,3	632

Other dimensions and colours are possible on request.

### Possible on request:



- › ready-made lengths  
from 1 m to 15 m
- › thermocouples type J
- › thermo cable type KX and  
thermocouples type K