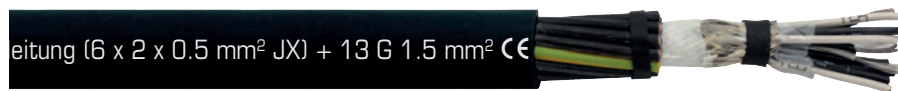


Compensation & Extension Cables

Hybrid thermocouple cable JX

Connection cable between hot runner control and hot runner system



Marking for Hybrid thermocouple cable JX 4573652:

SAB BRÜCKSKES · D-VIERSEN · Hybrid-Thermoleitung (6 x 2 x 0.5 mm² JX) + 13 G 1.5 mm² CE

Construction:

Insulation:	thermo strands Fe-CuNi for type J bare copper strands acc. to IEC 60228 class 5
Insulation:	PVC
Color code:	black and white acc. to IEC 60584 type JX black with white numbers 1 to -4, -8, -12, -16 and a green/yellow ground (control conductors)
Wrapping:	foil
Shielding:	twisted JX element braided with tinned copper wires (optical coverage approx. 80%)
Wrapping:	banding
Stranding:	together
Jacket material:	PVC
Jacket color:	black

Technical data:

Nominal voltage:	300/500 V control conductors - (1.5mm ²)
Testing voltage:	2000 V - control conductors - (1.5 mm ²) / 600 V (0.5 mm ²)
Thermoelectric voltage:	acc. to IEC 60584 - (0.5 mm ²)
Min. bending radius:	
<i>fixed installation:</i>	5 x O.D.
<i>flexible:</i>	12 x O.D.
Temperature range:	
<i>static:</i>	-25/+70°C
<i>flexible:</i>	+5/+70°C
Oil resistance:	good - acc. to internal standard, see page O/29
Burning characteristics:	acc. to DIN EN 60332-1-2 and IEC 60332-1-2
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

Outstanding features:



- high flexibility
- wear resistant
- smallest bending radii

item no.	dimensions mm ²	for thermocouples	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 4573252	(2 x 2 x 0.5 JX) C + 5 G 1.5	Fe-CuNi	0.449	11.4	133
▶ 4573452	(4 x 2 x 0.5 JX) C + 9 G 1.5	Fe-CuNi	0.583	14.8	226
▶ 4573652	(6 x 2 x 0.5 JX) C + 13 G 1.5	Fe-CuNi	0.622	15.8	296
▶ 4573852	(8 x 2 x 0.5 JX) C + 17 G 1.5	Fe-CuNi	0.760	19.3	425

Other dimensions and colors are available 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