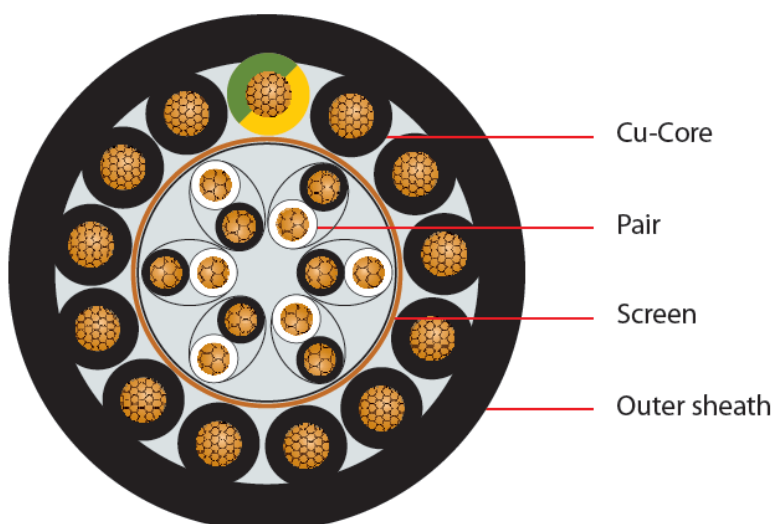


Tech Sheet

MF - Multiflex Cable

Acc. to DIN IEC 60584



No. of cores and cross section	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
6 x 2 x 0.5 + 13 x 15	17.5 ± 0.50	520	245

APPLICATION:

Thermo extension cable JX for temperature sensors

CONSTRUCTION:

Conductor: thermo extension wires Fe-CuNi, JX IEC; 16 x 0.2 mm = 0.5 mm²

Core insulation: PVC (90°C); wall thickness 0.4 mm; Ø 1.75 ± 0.05 mm

Core identification: black (+) and white (-), pairs with printed numbers

Lapping: polyester tape

Screen: tinned copper wire braid

Conductor: tinned copper strand; 48 x 0.2 mm = 1.5 mm²

Core insulation: PVC (90°C)



Core identification: 12 x black with printed numbers, 1 x green/yellow bunched around core construction; $\varnothing 2.60 \pm 0.05$ mm
Sheath: PVC; approx. $\varnothing 17.5 \pm 0.50$ mm
Outer sheath: PVC (90°C); colour: black

ELECTRICAL CHARACTERISTICS

Test voltage Thermocouples 500 V
Test voltage Cu Wires 2,000 V
Operating voltage Cu Wires 450 / 700 V

THERMAL & MECHANICAL PROPERTIES

Operating temperature -50°C to +90°C

Subject to changes due to technical progress and error

Change log

Date of change	Change	Version
19-09-2019	New document	001