

JE-H(St)H Orange

Bd FE 180/E 30 to E 90 (orange),Halogen-free



CE

ELETTROTEK KABEL® JE-H(S)H

Construction:

Conductor:	solid red copper conductor 0,8 mmØ Cl. 1, acc to IEC 60228
Insulation:	Halogen-free compound type HI1 to DIN VDE 0207 part.23 flame retardant (E90 with special foil wrapping over conductor)
Colour cores:	DIN VDE 0815, (with ring colours and ring groups)
Stranding:	cores twisted in pair, 4 pairs to a unit and several units stranded to layers.
Wrapping:	special polyester tape
Screen:	electrostatic screen of plastic and aluminium tape + tinned drain-wire
Outer sheath:	orange (RAL2003),flame retardant to DIN VDE 0207 part 24,Halogen free type HM2

Technical data:

Nominal voltage:	300 V
Test voltage:	800 V
Temperature range	
<i>Fixed laying:</i>	- 30 °C / + 70 °C
<i>Flexible application:</i>	- 5 °C / + 70 °C
Min. bending radius:	6 x d
Radiation resistance:	up to 100x10 ⁶ cJ/kg

Resistance:



Flame retardant acc. to:
DIN VDE 0482 part 332-3
IEC 60332-3



Halogen free acc. to:
EN 50267-2-1
IEC 60754-1
DIN VDE 0482 part.267-2-1



Low corrosiveness combustion gases acc.to:
EN 50267-2
IEC 60754-2
DIN VDE 0482 part.267-2



Smoke density acc. to:
IEC 61034
EN 61034, CEI 20-38

Features:

FE 180: insulation integrity for 180 min.
Test to DIN VDE 0472 part.814 IEC 60331

E 30: functional for 30 min.Test to DIN 4102 part.12

E 90: functionally for 90 min.Test to DIN 4102 part.12

SECURITY CABLES

JE-H(St)H Orange

Bd FE 180/E 30 to E 90 (orange),Halogen-free



CE



Functionally E 30 to E 90

Part no.	No.of cores x conductor diameter n x mm	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
49050CGW012M08	1x2x0,8	6	17	57	19
49050CGW022M08	2x2x0,8	7,4	25	74	19
49050CGW042M08	4x2x0,8	10,8	45	127	19
49050CGW082M08	8x2x0,8	16,9	85	300	19
49050CGW122M08	12x2x0,8	18,5	126	336	19
49050CGW162M08	16x2x0,8	20,1	166	426	19
49050CGW202M08	20x2x0,8	22,2	206	529	19
49050CGW322M08	32x2x0,8	29,1	326	859	19
49050CGW402M08	40x2x0,8	34,2	407	1094	19
49050CGW522M08	52x2x0,8	37,3	529	1280	19

Functionally E 30

Part no.	No.of cores x conductor diameter n x mm	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
49051CGW012M08	1x2x0,8	6	17	57	19
49051CGW022M08	2x2x0,8	7,5	25	74	19
49051CGW042M08	4x2x0,8	9,3	45	127	19
49051CGW082M08	8x2x0,8	11,4	85	300	19
49051CGW122M08	12x2x0,8	13	126	336	19
49051CGW162M08	16x2x0,8	15,7	166	426	19
49051CGW202M08	20x2x0,8	16,5	206	529	19
49051CGW322M08	32x2x0,8	20,3	326	859	19
49051CGW402M08	40x2x0,8	23,4	407	1094	19
49051CGW522M08	52x2x0,8	25,2	529	1280	19

Other dimensions and colours available on request.