

J-Y(St)Yh PVC CPR: Eca

J-H(St)Hh halogen free CPR: Dca s1d2a1

#### KNX/EIB

according to KNX/EIB-specification

2 x 2 x 0,8



#### APPLICATION

For use in bus systems (EIB - European Installaton Bus) and as ICA cable in power installations. Laying in/on plaster, even in moist and wet rooms. Not approved for power and underground installation.

#### CONSTRUCTION

**Conductor:** copper, solid, bare

**Core insulation:** PVC or halogen-free compound

**Core stranding:** cores stranded to star-quads

**Lapping:** plastic foil

**Screen:** plastic-laminated aluminium foil, drain wire

**Sheath:** PVC (J-Y(St)Yh) or halogen-free compound (J-H(St)Hh); colour: green RAL 6017

#### ELECTRICAL CHARACTERISTICS

(Conductor) loop resistance max.	73,2Ω/km
Insulation resistance min.	100 MΩ x km
Mutual capacitance max.	100 nF/km
Capacitance unbalance C <sub>1</sub> max.	200 pF/100 m
Peak operating voltage	300V
Test voltage conductor - sheath	4 kV 50 Hz 1 Min.

#### THERMAL & MECHANICAL PROPERTIES

Temperature range stationary	-30°C to +70°C
Cable diameter	6,2 ± 0,2 mm
Cable weight	ca. 64 kg/km
Copper index	21 kg/km
Minimum bending radius	7,5 x diameter