



- 100 Ohm media control cable**  
**2 x 0.34 mm<sup>2</sup> + DC power - FRNC**
- 100 Ohm data pair 2 x 0.34 mm<sup>2</sup> (AWG22)
  - DC power supply 2 x 1.5 mm<sup>2</sup>
  - flame retardant and non corrosive (FRNC)
  - CPR class Eca acc. to EN50575

FRNC

Eca

The KLOTZ AIS system cable for building automation and media control MC34P15H is optimally suited for the transmission of data according to the standards AMX © AXLink ©, Crestron Cresnet ©, RS-422 EIA and the simultaneously DC power supply of the system bus components over long distances.

**hybrid**

construction	1 shielded data pair + 2 power cores twisted to cable core
taping	polyester foil
outer jacket	FRNC
overall diameter	8.0 mm
working temperature	-30°C / +70°C

**data cable**

construction	1x 2x 0.34 mm <sup>2</sup>
conductor	stranded tinned copper, 7x 0.25 mm
cond. cross section	0.34 mm <sup>2</sup>
insulation	blue and white
core arrangement	2 cores twisted to a pair
drain wire	stranded tinned copper, 7 x 0.20 mm (AWG 24/7)
shielding	AL/PETP foil
conductor resistance	53 Ω/km
characteristic impedance	100 Ω
capacitance	46 pF/m

**power core**

conductor	stranded tinned copper, 84x 0.15 mm
cond. cross section	1.5 mm <sup>2</sup>
insulation	polyethylene (PE), red and black
conductor resistance	12 Ω/km
insulation resistance	> 200 MΩ x km

**fire performance**

flame retardancy	acc. to IEC 60332-1-2
low smoke emission	acc. to IEC 61034-2
halogen-free	acc. to IEC 60754-1
non corrosive	acc. to IEC 60754-2

order code	cable color	weight kg/m
MC34P15H	black	0.08

technical specifications are subject to change