



**CAN-Bus / RS485 data cable -
120 Ohm - 2 x 2 x 0.22 mm² (AWG 24/7)**

- ultra-low capacitance 45 pF/m resp. 14 pF/ft.
- double shielding (overall foil- and braid shield)
- flame retardant and non corrosive (FRNC)

FRNC

Specifically designed for signals in compliance with the CAN Bus or RS485 standard, the DC485CH remote control data cable has two balanced signal pairs with 120Ω characteristic impedance. Its double shielding protects from electromagnetic interference in both low and high frequency ranges. With features an outer jacket of FRNC, the DC485CH is ideal for installations.

construction

cond. construction	stranded tinned copper, 7 x 0.20 mm (AWG 24/7)
cond. cross section	0.22 mm ²
insulation	polyethylene (PE)
core stranding	2 cores twisted to a pair
cable stranding	2 pairs stranded
overall shield	AL/PET foil, metal outside + stranded tinned copper drain wire + tinned copper braid (90% coverage)
outer jacket	FRNC
overall diameter	9.0 mm

mechanics

min. bending radius	90 mm
working temperature	-20°C / +70°C
flame retardancy	acc. to IEC 60332-1
halogen-free	acc. to IEC 60754-2

electric

conductor resistance	85 Ω/km
capacitance	45 pF/m
characteristic impedance	120 Ω
test voltage	
cond./cond.	1200 V
cond./shield	500 V

order code	colour	weight kg/m	standard lengths m
DC485CH	grey	0.09	30 / 50 / 100 / 200 / 300 / 500