



## ACCORDIA RS-485

RS-485 Cable 1 pair, Halogen Free

Image representative of cable family. Actual cable may vary.

**CPR Class Dca s2,d2,a1**

**Halogen Free**

**FlameSmart technology**

**Based on TIA/EIA-485-A**

**Aluminum tape + 90% braid coverage for increased electromagnetic shielding**

**Balanced cable of twisted cores for RS-485 serial communication systems**

### STANDARDS AND CERTIFICATES

Standards	Based on TIA/EIA-485-A EN 50575
CPR Class	Dca s2,d2,a1
DOP	1002721
ROHS II	complies

### CONSTRUCTION

Conductors	7x $\Phi$ 0,20mm tinned copper
Insulation	PE
Laying up	2 cores
Core Identification	White, Blue
Screen	aluminum tape + drain wire + tinned copper braid 90% coverage
Outer Sheath	$\Phi$ 5,90mm HFFR grey

### ELECTRICAL CHARACTERISTICS

Resistance DC	<86,0 Ohm/km
Nom. Characteristic Impedance	120 Ohm
Velocity Factor	0,66
Nom. Attenuation @ 1MHz	1,97 dB/100m
Insulation Resistance	>500 Mohm.km
Nom. Capacitance	
Core-core	42 pF/m
Core-screen	76 pF/m
Test Voltage, core-sheath	2,5 KV AC 1 min

### MECHANICAL CHARACTERISTICS

Minimum bending radius	60 mm
Operating Temperature Range	-20 C to +70 C
Standard packaging	5x100m, 1x500m

**!** Cable is not intended for direct connection to the mains electricity supply.

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