ACCORDIA
CABLES BEYOND STANDARD

T E C H N I C A L D A T A S H E E T

ACCORDIA RS-485 2 pairs

RS-485 Cable 2 pairs, 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 2 twisted pairs 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	**1002768**
ROHS II	**complies**

CONSTRUCTION

Conductors	**7x Φ 0,20mm tinned copper**
Insulation	**PE**
Laying up	**4 cores / 2 pairs**
Core Identification	**White + Blue & Brown + Orange**
Screen	**aluminum tape + drain wire + tinned copper braid 90% coverage**
Outer Sheath	**Φ 8,40mm 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	**84 mm**
Operating Temperature Range	**-20 C to +70 C**
Standard packaging	**5x100m, 1x500m**

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