

ACCORDIA RS-485 2 pairs

RS-485 Cable 2 pairs, Halogen Free

Image representative of cable family. Actual cable may vary.

CPR certified

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	Eca
DOP	1002731
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

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

Pentalofos, T. 2310 787202
P.O.Box 10229
54012 Thessaloniki - Greece
welcome@accordia.gr
www.accordia.gr