



This cable, tested by DURÁN ELECTRÓNICA, has been specially designed for our toxic and explosive gas detection control panels (DURGAS & EUROSONDELCO) that use the RS485 communication protocol.

It is a shielded cable (aluminium/pet + drain wire). Halogen free, non-flame propagating, with two 1.5mm wires for power supply plus a 0.25 mm twisted pair cable for communications.

Complies with standards

- UNE 50265-2-1
- UNE 50265-2-2
- UNE 50266-2
- UNE 50268-2
- UNE 50267-2-1

TECHNICAL CHARACTERISTICS

Conductor 1,5 mm	Nominal Value	Test Value
Max. Electrical Resistance (20° C)	Max 14,81 Ω /Km.	13,29 Ω 7 /Km.
Conductor average diameter	3,00 ± 0,10 mm	3,063 mm
Conductor average thickness	0,67 ± 0,07 mm	0,738 mm
Conductor colours	In accordance to PC - PR/003	Satisfactory
Spark Tester	No perforations	Satisfactory

Conductor 0,2 mm	Nominal value	Test value
Max. Electrical Resistance (20° C)	Max 110,11 Ω /Km	99,60 Ω /Km
Conductor average diameter	0,95 ± 0,10 mm	1,013 mm
Conductor average thickness	0,22 ± 0,07 mm	0,245 mm
Conductor colours	In accordance to PC - PR/003	Satisfactory
Spark tester	No perforations	Satisfactory

Average cover diameter	7,50 ± 0,40 mm	7,455 mm
Cover colour	In accordance to PC - PR/003	Satisfactory
Drain	In accordance to PC - PR/003	Satisfactory
Pet sheet	In accordance to PC - PR/003	Satisfactory
PET/AL sheet	In accordance to PC - PR/003	Satisfactory

Number of conductors	External diameter	Weight per 100 m
2 x 1,5 + 2 x 0,25	8 mm Ø	8,7 Kg