

# 6-CONDUCTOR ELECTRICAL CABLE



AGISCO's electrical cables are the result of years of experience gathered from many different application areas: foundations and structures in wet or dry emplacements, on sea beds, at very high pressure, and many others locations.

During this period efforts were made to improve electrical, mechanical and chemical features of the cable's component parts.

Agisco offers two standard types of cable: a 6-conductor and a 15-pair conductor. Both are made of twisted fully shielded conductors with a double pro-

tection racket: the inner in PVC; the outer in polyurethane to reduce friction., improve protection (even against rodents) and allow high pressure under water uses.

Other types of cable are available for special projects and may be shielded with kevlar and/or steel and insulated internally with high flexibility, low thickness materials.

Special cables can be made to order.

The 6-conductor meets most requirements as a control cable and can connect several sensors simultaneously such as 4-20 mA output voltage sensors.

## 6-CONDUCTOR ELECTRICAL CABLE

### TECHNICAL SPECIFICATIONS

Conductor	Material	bare copper (0.22 mm <sup>2</sup> )
Insulation	Material	PVC
	Colours	Yellow, Green, White, Red, Black, Blue
Assembly	Round twisted conductors coated with polyester tape	
Shielding sheath	Alluminium/polyester tape with stranded bare copper drain wire 7x0.20 mm	
Inner jacket	Material	PVC
Guaina esterna	Material	Black polyurethane
	Nominal Ø	5.45 mm

### ELECTRICAL SPECIFICATIONS

Electrical resistance 0.22 section	< 89.9 ohm/Km a 20°C
Insulation resistance	> 20 M ohm x Km a 20 °C
Max working voltage	300 Vcc

### PRODUCT SPECIFICATIONS

Weight	45 Kg/Km
Radius of curvature	33 mm
Operating temperature	Da -30°C a +70°C

*Agisco reserve the right to change their products and specifications without notice*



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