

30-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 protection jacket: the inner in PVC; the outer in polyurethane to reduce friction,

improve protection (even against rodents) and allow high pressure underwater 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.

The 30-conductor type is a 30 core twisted pair data cable.

It meets most requirements as a data transmission cable from any type of sensor allowing multiple connections of sub cables to smaller assemblies.

The cable is still of a sufficiently small diameter to allow flexibility maintaining ease of installation.

30-CONDUCTOR ELECTRICAL CABLE

TECHNICAL SPECIFICATIONS

Conductor	Material	bare copper (0.22 mm ²)
Insulation	Material Colours	PVC Yellow, Green, White, Red, Black, Blue
Assembly	30 core twisted pair data cable with polyester tape	
Shielding sheath	Aluminium/polyester tape with stranded bare copper drain wire 7x 0.20mm	
Inner jacket	Material	Black PVC
Outer jacket	Material Nominal Ø	Black polyurethane 11.65mm

ELECTRICAL SPECIFICATIONS

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

PRODUCT SPECIFICATIONS

Weight	184 Kg/Km
Radius of curvature	70 mm
Operating temperature	from -30°C to +70°C

AGISCO s.r.l.

Via A. Moro 2 - 20060 LISCATE (MI) Italia
Tel. +39 02 9587690 - Fax. +39 02 9587381

www.agisco.it - agisco@agisco.it