



Copper Communication Cables

- > **State-of-the-art technology
(including xDSL)**
- > **Proven and reliable**
- > **Standard and customised solutions**

**A comprehensive range for
today's communications
networks**



INDOOR: CENTRAL EXCHANGE/CUSTOMER PREMISES

Distribution



Conductor	Tinned copper 0.4 to 0.9 mm
Insulation	PVC
Cabling	Pair or quad; unit and sub-unit
Size	1 to 400 pairs
Screen	Polyester plated AL tape (if specified)
Sheath	PVC

Jumper wire



Conductor	Tinned copper 0.4 to 0.9 mm
Insulation	PVC
Size	1 to 7 wires

Subscriber wire



Conductor	Copper 0.4 to 0.9 mm
Insulation	Solid PE
Size	1 pair or 1 quad
Sheath	PVC (loose tube)

xDSL screened cables



Conductor	Plain copper 0.4 and 0.5 mm
Insulation	Solid PE or foam skin PE
Cabling	Pair, unit of 8 or 24 pairs, bundles of 24 or 32 pairs
Size	Up to 96 or 128 pairs
Screen/Braid	Polyester plated AL tape and tinned copper wire braid
Other Sheath	Low Smoke Zero Halogen

OUTDOOR: AERIAL CABLES

Figure of 8



Conductor	Plain copper 0.4 to 0.9 mm
Insulation	Solid, foam-skin, cellular PE
Cabling	Pair or quad; unit and sub-unit
Size	10 to 200 pairs
Water penetration	Filling compound (if specified)
Screen/moisture Barrier	AL poly laminated tape Wrapped AL tapes
Sheath	PE
Supporting cord	Steel wires

Circular



Conductor	Plain copper 0.4 to 0.9 mm
Insulation	Solid, foam-skin, cellular PE
Cabling	Pair or quad; unit and sub-unit
Size	10 to 200 pairs
Water penetration	Filling compound (if specified)
Screen/moisture Barrier	AL poly laminated tape Wrapped AL tapes
Sheath	PE

Drop-wire



Conductor	Bronze 1 mm
Insulation	Solid PE
Size	1 pair
Sheath	PVC

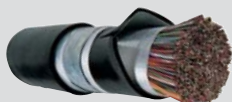
xDSL drop



Conductor	Plain copper 0.6 mm
Insulation	Solid PE
Size	2 to 4 pairs
Strength member	Aramid
Other Sheath	PE

OUTDOOR: UNDERGROUND CABLES

Buried



Conductor	Plain copper 0.4 to 0.9 mm
Insulation	Solid, foam-skin, cellular PE
Cabling	Pair or quad; unit and sub-unit
Size	10 to 2400 pairs
Water penetration	Filling compound (if specified)
Moisture Barrier	AL poly laminated tape
Sheath	PE
Armouring	Helical steel tapes
Outer sheath	PE, PVC

Buried



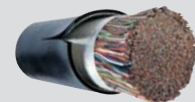
Conductor	Plain copper 0.4 to 0.9 mm
Insulation	Solid, foam-skin, cellular PE
Cabling	Pair or quad; unit and sub-unit
Size	10 to 2400 pairs
Water penetration	Filling compound (if specified)
Moisture Barrier	AL poly laminated tape
Sheath	PE
Armouring	Corrugated steel tapes
Outer sheath	PE, PVC

Buried



Conductor	Plain copper 0.4 to 0.9 mm
Insulation	Solid, foam-skin, cellular PE
Cabling	Pair or quad; unit and sub-unit
Size	10 to 2400 pairs
Water penetration	Filling compound (if specified)
Moisture Barrier	AL poly laminated tape
Sheath	PE
Armouring	Steel wires
Outer sheath	PE, PVC

In-duct



Conductor	Plain copper 0.4 to 0.9 mm
Insulation	Solid, foam-skin, cellular PE
Cabling	Pair or quad; unit and sub-unit
Size	10 to 2400 pairs
Water penetration	Filling compound (if specified)
Moisture Barrier	AL poly laminated tape
Sheath	PE

Any questions? Our team of experienced technical staff is ready to talk to you. See contact details.

About Us

Prysmian is a global market leader in optical cables, supplying a major part of the world's optical cable needs. With a strong heritage of highly advanced R&D, Prysmian is at the leading edge of the technology.

With a worldwide telecom manufacturing presence in 12 countries and in 4 continents Prysmian's global experience and local manufacturing capacity is a significant force in the international marketplace, assuring continuity of supply and high level of service.

Prysmian's optical technology encompasses optical fibers, cables, connectivity, projects and services ensuring that not only the right cable but the right total optical communication system is matched to our customers' needs.

Prysmian offers a complete service from design, development and manufacture through to technical support of commissioned cable networks. Planning and logistics are the cornerstone of our operation, with quality maintained through the expertise and dedication of all our staff working across the business to ISO 9001 and 14000 standards.

When a project is in Prysmian's hands, our customers can depend on a total quality service.

Enquiries

The optical characteristics of Copper Communication Cables can be tailored to meet your precise specifications. Whatever your requirements, if you need more information or would like to place an order, please call Prysmian Telecom Cables and Systems on +39 02 6449 7589.

Specifications are subject to change without notice. Cable are designed and tested according to the main national and international specifications (IEC specifications).

dega design group