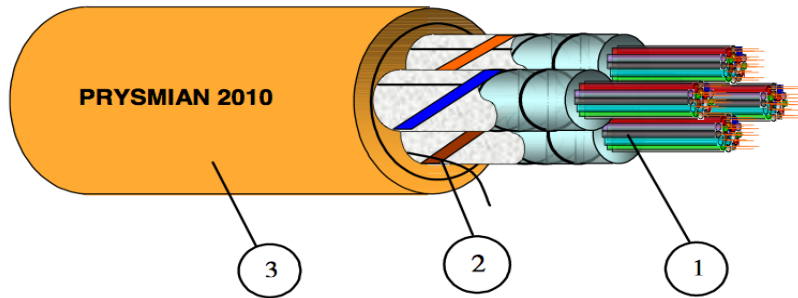


ADSL (Outdoor)

96 pairs - TE 4 (24 x 2 x 0.4 H)G/E - no braid

Cable design

Aluminium shielded multi twisted pair 26 AWG cable, for outdoor ADSL systems (OSP)



- 1) Four screened 24 pair bundles
- 2) Non metallic rip cord
- 3) Outer LDPE sheath

Cable construction TE 4 (24 x 2 x 0.4 H)G/E

Conductor:	Annealed solid copper wire Diameter 0.40 ± 0.01 mm (AWG 26)
Insulation:	Polyethylene compound Minimum thickness: 0.13 mm Nominal diameter: 0.70 mm
Cabling element:	Pairs with lay length ≤ 75 mm
Colour code:	According to IEC Publication 189/2, Appendix A and IEC Publication 304
Stranding of pairs:	Stranding of 24 pairs to form a compact and circular bundle (C3 - each lay is wrapped with PP tape 5 x 0.03 mm)
Identification thread:	PIRELLI thread (green/brown);
Wrapping tape:	PET tape 0.036 mm thickness helically applied
Screen (electrostatic):	Grounding wire (tinned copper wire with diameter 0.4 mm) and AL/PET tape with thickness 50/25 µm, helically applied
Cable core:	Stranding of four screened 24 pair bundles
Rip cord:	Non-metallic rip cord
Outer sheath:	Low density polyethylene (LDPE), Orange RAL 2004 Minimum thickness 1.2mm
Outer cable diameter:	Max. 21mm

Sheath marking

PRYSMIAN (S) - aaaa

x = factory code
aaaa = production year (es. 2012)

Interval: 300 mm
Color: blue or black

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ADSL (Outdoor)

96 pairs - TE 4 (24 x 2 x 0.4 H)G/E - no braid

Electrical data at 20°C

D.C. electrical resistance of each conductor:	max. ≤ 146.8 Ohm / Km
Voltage test for 1 minute:	1000 V a.c. or 1500 V d.c.
Insulation resistance:	Min. ≥ 1000 Mohm*km
Maximum mutual capacitance (500-2000 Hz):	≤ 100 nF/km
Capacitance unbalance: pair to earth:	99% values ≤ 750 pF/500 m 100% values ≤ 1500 pF/500 m
Attenuation:	≤ 33 dB/km @ 1 MHz ≤ 110 dB/km @ 10 MHz
Near-end and Far-end crosstalk:	≥ 50 dB @ 1 MHz ≥ 40 dB @ 10 MHz
Impedance:	100 ± 15 ohm @ 1 and 10 MHz

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