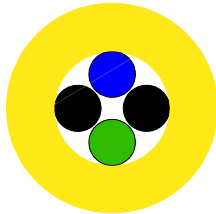


Two fiber BB-XS Pico-UN cable for use in 6 mm ducts

Cable Design



- not to scale -

- **Buffer:** Intermediate buffer material, containing the optical fibres and two reinforcement glass fibres.
- **Outer sheath:** Low friction thermoplastic compound, easy strippable.

This Pico-UN optical cable is designed for pre-installation in ducts, used in OSP networks access part of the network.

Technical data

No. of Fibres		2 optical fibres
Reinforcement		2 (black or natural) glass fibres
Cable Diameter	mm	1.25
Cable Weight	kg / km	1.4

Main characteristics

Test	Standard	Specified value	Acceptance Criteria**
Tensile Performance	IEC 60794-1-2-E1	20 N	$\Delta\alpha \leq 0.1$ dB reversible Fibre strain $\leq 0.5\%$
Bending radius	IEC 60794-1-2-E11	≥ 50 mm	$\Delta\alpha \leq 0.05$ dB, No damage
Crush	IEC 60794-1-2-E3	100N, 100mm, max. 15 min	$\Delta\alpha \leq 0.1$ dB, reversible, no damage
Temperature range	IEC 60794-1-2-F1	-20 to +60°C	$\Delta\alpha \leq 0.1$ dB

** values for single-mode fibres, all optical measurements performed at 1550 nm, * At room temperature 23°C \pm 2°C



Min. bending radius	mm	Without Tension ≥ 50 mm	Under Maximum Tension ≥ 50 mm
Temperature range	°C	Installation -10 to +50	Transport. & Storage -10 to +50 Operation -20 to +60

Optical Characteristics

See the cabled optical fibre datasheet C24 for the properties of the G.657A2 fibers.

Identification

Fibre colours

Nr.	1	2
Colour	Blue	Green
		

Sheath Colour

The colour is yellow

Sheath Marking

The outer sheath is marked in 1 meter intervals as follows:

G657.A2 DRAKA(DL) [Batchcode] [length marking]m

Logistic

Packing:

Plastic or Plywood Drums with protection.

Delivery Lengths:

Standard delivery length is 2, 4, 6 km with a tolerance of - 1% / + 3%

Article Numbers

2 x **G.657.A2**: 60038286