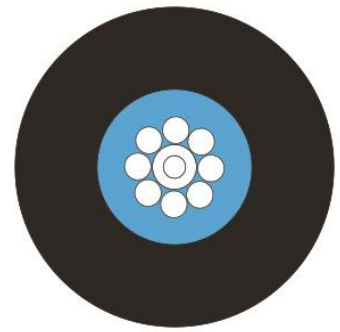


Fibre cable Type 3010/B



Construction characteristics

Fibre optic element	Single mode (8.3/125/245 μm) optical steel light fibre with Hytrel buffer (1 each)
Strength member	8 x 0.38 mm 316 SS wire. Overall diameter 1.37 mm
Belt	TPE. Overall diameter approx. 2.16 mm
Overall jacket	TPU outer jacket. Approx. 1.47 mm wall thickness. Colour black

Mechanical characteristics

Diameter	5.11 mm ± 0.10 mm
Weight in air	29 kg/km nom
Weight in seawater	8 kg/km nom
Min. bending radius	38 mm
Min. breaking strength	128 kg (1.26 kN)
Safe working load	0.67 kN
Depth rating	6,000 m
Operating temperature	-40°C - +80°C
Tensile proof	200 kpsi

Fibre optical characteristics

Attenuation	≤ 0.45 dB/km at 1,310 nm ≤ 0.35 dB/km at 1,550 nm
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