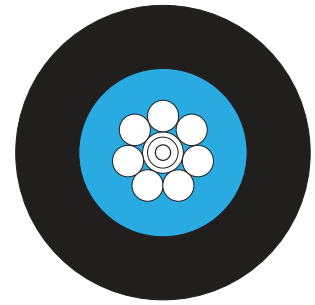


# Fibre cable, single mode Type 3010



## Construction characteristics

Fibre optic element	CCC ruggedised optical cable. Tight buffered depressed clad SM fibre (1 each)
Strength member	Inconel wire strength member.
Inner jacket	Hytrek inner jacket. OD approx. 2.16 mm
Outer jacket	PUR outer jacket. Approx. 1.47 mm wall thickness. Colour black

## Mechanical characteristics

Diameter, approx.	5.10 mm
Weight in air	31 kg/km nom
Weight in seawater	10 kg/km nom
Min. bending radius	38 mm
Min. breaking strength, approx.	1.5 kN
Rated dynamic working load	0.6 kN
Depth rating	6,000 m
Operating temperature	-40°C - +80°C

## Fibre optical characteristics

Fibre dimension	8.3/125/245 µm
Tensile Proof	100 kpsi
Attenuation	≤ 0.50 dB/km at 1310 nm ≤ 0.40 dB/km at 1550 nm