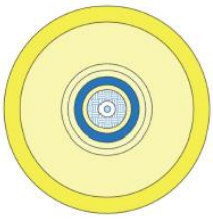
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Manuel A. Roxas Highway
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Technical Specification ROV underwater cable

Cable model	
DROV-CAB-001	
General Description	
6mm underwater fiber cable	
Relevant Standards	
According to customer's requirements.	

Cable specs

Optical fiber	Fiber Type	Single mode G657A2 (Armored)
	Core	1 core
	Insulation OD.	2.0±0.08 mm
Strength member	Strength member Material	LCP fiber
Inner Jacket	Jacket Materia	PUR foam
	Jacket Color	Yellow
	Jacket mean Thickness	1.5±0.1 mm
	Jacket the Thinnest Point	1.4±0.1 mm
	Finished OD.	5.2±0.2 mm
Outer jacket	Jacket Materia	PUR
	Jacket Color	Yellow
	Jacket mean Thickness	0.4±0.1 mm
	Jacket the Thinnest Point	0.35±0.1 mm
	Finished OD.	6±0.3 mm
Mark	Meter marks and identification	

Properties

Min. Bending radius(mm)	15D (D: cable diameter)	Tensile Strength(N)	1500 N
Rated Temperature (℃)	-40℃~ + 105℃	Attenuation(dB/Km)	≤0.5 dB/Km @ 1310 nm
			≤0.3 dB/Km @ 1550 nm
Weight per meter (air) (g/m)	28.5±0.5 g/m	Density (kg/m3)	1.01
Weight per meter (water) (g/m)	(fresh water 1g/m) +0.282g/m	Horizontal depth rating (5MPa)	(fresh water 1g/m) 509.7m
	(salt water 1.025g/m) −0.423g/m		(salt water 1.025g/m) 497.3m