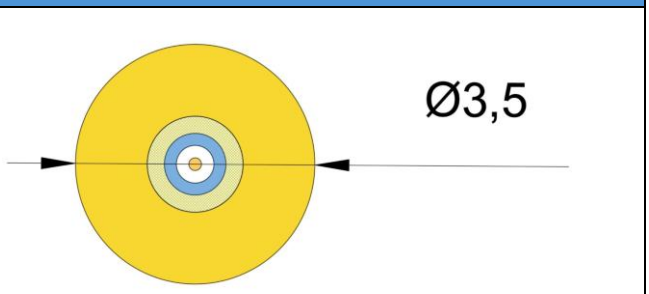
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Manuel A. Roxas Highway
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Technical Specification ROV underwater cable

Cable model	
DROV-CAB-010	
General Description	
3.5mm underwater fiber cable	
Relevant Standards	
According to customer's requirements.	

Cable specs

Optical fiber	Fiber Type	Single mode
	Core	1 core
	Insulation OD.	0.9 mm
Strength member	Strength member Material	LCP fiber
Outer jacket	Jacket Materia	LDPE
	Jacket Color	Yellow
	Jacket mean Thickness	0.9 mm
	Jacket the Thinnest Point	0.76 mm
	Finished OD.	3.5±0.2 mm
Mark	Meter marks and identification	

Properties

Min. Bending radius(mm)	70 mm	Tensile Strength(N)	3500 N
Rated Temperature (°C)	-30°C~90°C	Attenuation(dB/Km)	≤0.5 dB/Km @ 1310 nm
			≤0.35 dB/Km @ 1550 nm
Weight per meter (air) (g/m)	9.5±0.2 g/m	Density (g/m3)	about 0.99
Weight per meter (water) (g/m)	(fresh water 1g/m) −0.096g/m	Horizontal depth rating (10 MPa)	(fresh water 1g/m) 1019.4m
	(salt water 1.025g/m) −0.336g/m		(salt water 1.025g/m) 994.6m