



Submarine cable

GYTA33

Application:

These steel wires armored cables are suitable for installation in harsh environments where mechanical crush or impact on the cable is to be expected, e.g. under rivers or lakes, escarpment crossing and direct buried application.

Features:

- Up to 144 fibers
- The loose tube stranding technology make the fibers have good secondary excess length and allow the fibers free movement in the tube, which keeps the fiber stress-free while the cable is subjected to longitudinal stress.
- Optimum mechanical protection such as high tensile, crush and impact resistance performance is achieved by steel wire armor.



Technical data:

Fiber Num.	Outer diameter (mm)	Weight (kg/km)	Min. Bending radius (mm)		Tension(N)		Crush loading (N/100mm)	
			Static	Dynamic	Short term	Long term	Short term	Long term
2-30	20.1	800	12.5 times O.D.	25 times O.D.	20000	10000	5000	3000
32-36	20.4	805						
38-60	20.7	850						
62-72	21.5	870						
74-96	23.0	945						
98-120	23.7	970						
122-144	25.2	1012						