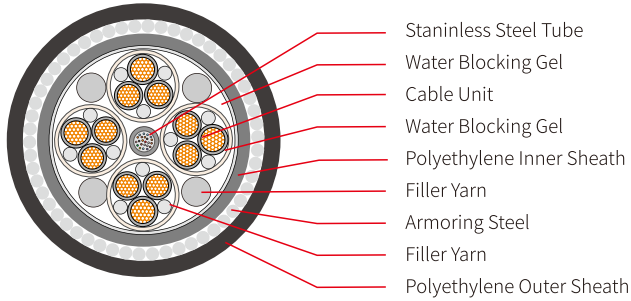


Umbilical cable

Special Underwater Cable



Technical data

Fiber	G652D
Fiber Count	1~20 cores
Electric Unit	4×3×4 m ² (Category 5)
Inner Sheath	Black HDPE
Outer Armour	Galvanised Steel Wire(GSW)
Outer Sheath	Black HDPE

Features

- Longitudinal water-ingress proof cable core section
- Good flexibility, excellent repeated bending performance, retractable in numerous times
- Transmission of both optical signals and power feeding
- Double HDPE layers, excellent radial water blocking performance

Applications

Used for early warning and monitoring of coastal waters and ports



Operation and installation temperature range:-10°C~40°C



storage temperature range:-30°C~60°C

Type		Umbilical cable
Nominal OD (mm)		40.0
Nominal Weight (kg/km)	In air	2400
Nominal Weight (kg/km)	In water	1100
CBL(kN)		180
NTTS(kN)		120
NOTS(kN)		60
NPTS(kN)		40
No Load Min Bend Radius(m)		0.8
Crush(kN)		20
Withstanding Voltage		2000V (AC) , 3min
DC Resistance (Ω/km)		≤5.8
Insulation Resistance (MΩ·km)		≥3000
Water Seepage		1MPa, 24h, ≤20 m

The min bend radius can be adjusted depending on the time duration over which the cable bend is sustained.