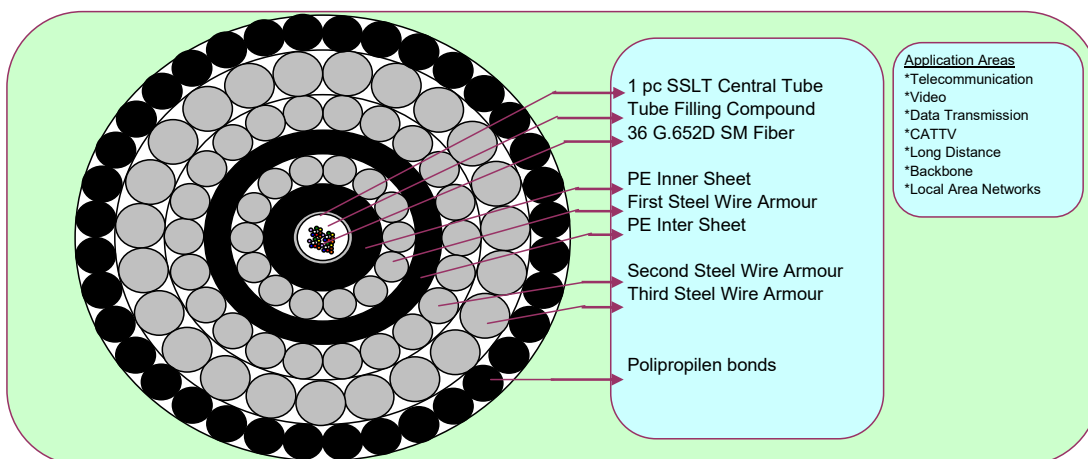


36 DFO; G652D DA SUBMARINE / RIVER CROSSING F/O CABLE



OPTICAL CHARACTERISTICS & CODING

Fiber Type
SM G.652D (According to ITU-T)

Attenuation	1310nm	1550 nm	1383 nm
	0.36 dB/km	0.22 dB/km	0.36 dB/km

Remark	Fiber No. & Color					
Without Color Ring	1	2	3	4	5	6
	Blue	Orange	Green	Brown	Gray	White
	7	8	9	10	11	12
	Red	Black	Yellow	Violet	Pink	Aqua
Coded with Single Ring Each 60mm	13	14	15	16	17	18
	Blue	Orange	Green	Brown	Gray	White
	19	20	21	22	23	24
	Red	Black	Yellow	Violet	Pink	Aqua
Coded with Double Ring Each 80mm	25	26	27	28	29	30
	Blue	Orange	Green	Brown	Gray	White
	31	32	33	34	35	36
	Red	Black	Yellow	Violet	Pink	Aqua
Coded with Single Ring Each 90mm	37	38	39	40	41	42
	Blue	Orange	Green	Brown	Gray	White
	43	44	45	46	47	48
	Red	Black	Yellow	Violet	Pink	Aqua
Coded with Double Ring Each 120mm	49	50	51	52	53	54
	Blue	Orange	Green	Brown	Gray	White
	55	56	57	58	59	60
	Red	Black	Yellow	Violet	Pink	Aqua
Coded with Single Ring Each 120mm	61	62	63	64	65	66
	Blue	Orange	Green	Brown	Gray	White
	67	68	69	70	71	72
	Red	Black	Yellow	Violet	Pink	Aqua
Coded with Double Ring Each 160mm	73	74	75	76	77	78
	Blue	Orange	Green	Brown	Gray	White
	79	80	81	82	83	84
	Red	Black	Yellow	Violet	Pink	Aqua
Coded with Single Ring Each 150mm	85	86	87	88	89	90
	Blue	Orange	Green	Brown	Gray	White
	91	92	93	94	95	96
	Red	Black	Yellow	Violet	Pink	Aqua

GENERAL TECHNICAL PROPERTIES OF CABLE

Cable Description

Date

Double Armoured (DA) Submarine FO Cable

SSLT OD / ID (mm)

07.05.2010

SSLT; 4.7 mm / 4.1 mm

Fiber Count

36 pc G.652D SM fiber inside of the SSLT

PE Inner Sheet

1.4 ± 0.1 mm Black PE

First Steel Wire

FSW (SW Amount can be ± 1 pc)

18x1.7 mm

PE Inter Sheet

1.0 ± 0.1 mm Black PE

Second&Third Steel Wire Armour

SSW TSW (SW Amount can be ± 1 pc)

20x2.3 mm 23x2.6 mm

Outer Sheet

Polipropilen Bonds

Cable Outer Diameter, mm

28.0 ± 1.0 mm

Cable Weight (kg/km)

2,380 ± % 3

Density on air (gr/cm3)

~3

Density in water (gr/cm3)

~2

Min. Bending radius, mm

1200

Cable Laying Depth

up to 100m, If you want you can use over this depth

Operating Tensile Strenght (NOTS), kN

≥ 80

Transient Tensile Strenght (NTTS), kN

≥ 200

Cable Breaking Load (CBL), kN

≥ 350

Operating Temperature, °C

-10°C / +50°C

Storage Temperature, °C

-30°C / +70°C

Warranty Period

Two years