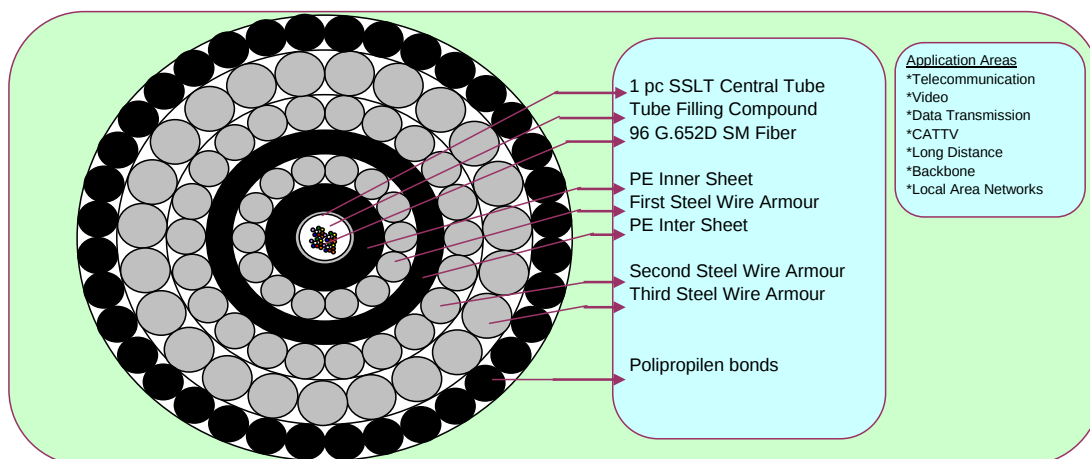


96 DFO; G652D DA SUBMARINE / RIVER CROSSING F/O CABLE



OPTICAL CHARACTERISTICS & CODING

Fiber Type	Attenuation	1310nm	1550 nm	1383 nm
SM G.652D (According to ITU-T)		≤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	Double Armoured (DA) Submarine FO Cable
Date	07.05.2010
SSLT OD / ID (mm)	SSLT; 4.7 mm / 4.1 mm
Fiber Count	96 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