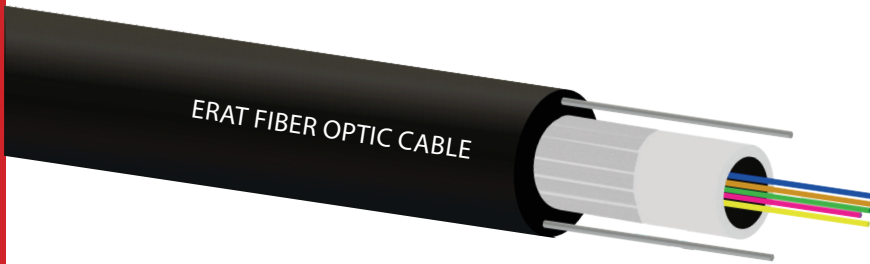


SINGLE TUBE FIBER OPTIC CABLES SJNMA-REINFORCED-PE

A-DQ(ZN)2Y

IEC 60793-1-2, IEC 60794-3-12

Single Tube, Reinforced with Steel Wire, Single Sheathed Fiber Optic Cables



APPLICATIONS	CONSTRUCTION
HDPE in long distance and local communication networks, etc. it is used in pipes made of material or in aerial installation.	Dyed Fiber are placed in the central buffer tube, then coated with Sheath along with the glass yarn. Reinforcement is provided by inserting a steel wire into the sheath.

PHYSICAL PROPERTIES	
Fiber Type	SM 9/125 G652 D, G657 A1, G657 A2, G657 B3, G655 MM 62.5/125 OM1, 50/125 OM2, 50/125 OM3, 50/125 OM4 , 50/125 OM5
Tube Material	PBT & PBT+PC
Loose Tube Color	Natural
Tube Filling Compound	Thixotropic Jelly
Strength Member	Glass Yarn
Steel Wire	2x 1.0 mm
Outer Jacket	Black-MDPE/HDPE

MECHANICAL AND ENVIRONMENTAL PROPERTIES		
Physical Tests	Values	Standards
Tensile Strength (Working)	1200 N	IEC 60794-1-2 E1
Tensile Strength (Assembly)	1300 N	IEC 60794-1-2 E1
Impact Strength	10 J, 3 impacts	IEC 60794-1-2 E4
Crushing Strength	2000 N / 10 cm	IEC 60794-1-2 E3
Water Tightness	24 hours 3 m length	IEC 60794-1-2 F5
Bending Radius	20 x cable diameter	IEC 60794-1-2 E11
Operating Temperature	-40 to +80 °C	IEC 60794-1-2 F1
Storage Temperature	-40 to +80 °C	IEC 60794-1-2 F1

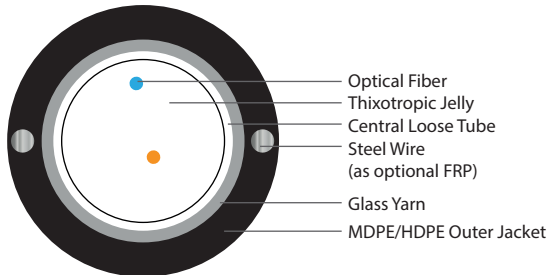
SHEATH MARKING, PACKAGING INFORMATION	
Marking	Erat Cable <Production Year> <Fiber Number and Type> <Meter>
Packaging	2000 mt ±%5
Packaging Information	Wooden Reel

TECHNICAL DATA

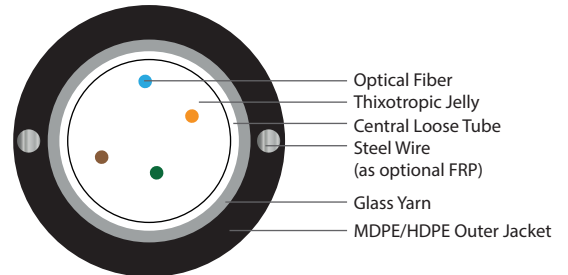
Fiber Count	Tube Count	Filler Count	Tube Diameter (mm)	Outer Diameter (mm)	Approximate Weight (kg/km)
2	1	0	2.4±0.05	6.5±0.5	44
4	1	0	2.4±0.05	6.5±0.5	44
6	1	0	2.4±0.05	6.5±0.5	44
8	1	0	2.4±0.05	6.5±0.5	44
12	1	0	2.4±0.05	6.5±0.5	44
24	1	0	2.8 ±0.05	7.0±0.5	48

CONSTRUCTION

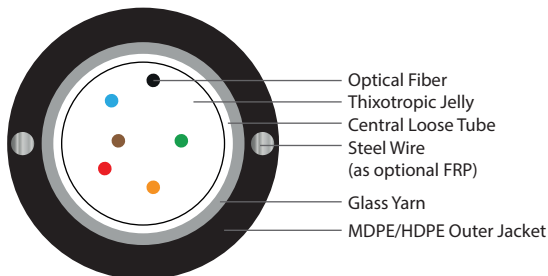
2 Fiber 1x2



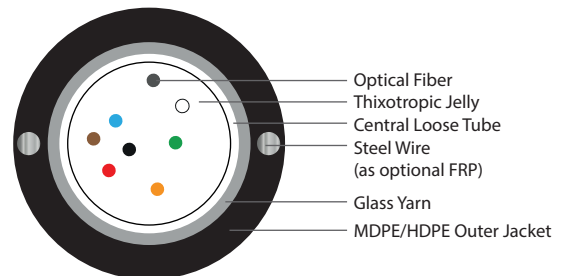
4 Fiber 1x4



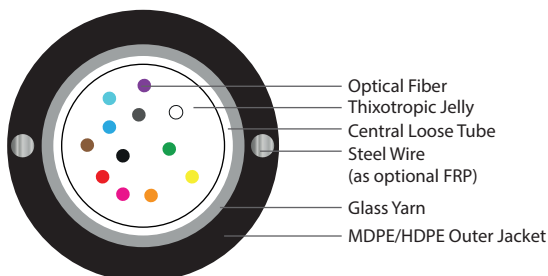
6 Fiber 1x6



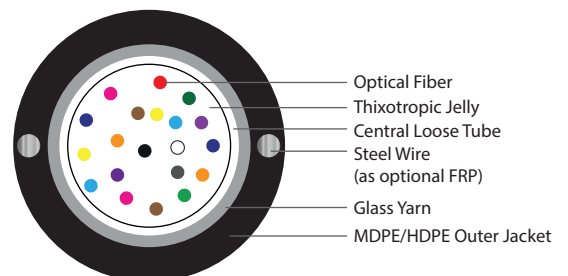
8 Fiber 1x8



12 Fiber 1x12



24 Fiber 1x24



FIBER COLOR CODE / TIA-598 - A							
	1- Blue		7- Red		13- Blue / Black Stripes		19- Red / Black Striped
	2- Orange		8- Black		14- Orange / Black Stripes		20- Natural
	3- Green		9- Yellow		15- Green / Black Stripes		21- Yellow / Black Striped
	4- Brown		10- Violet		16- Brown / Black Stripes		22- Violet / Black Striped
	5- Grey		11- Pink		17- Grey / Black Striped		23- Pink / Black Striped
	6- White		12- Aqua		18- White / Black Striped		24- Aqua / Black Striped