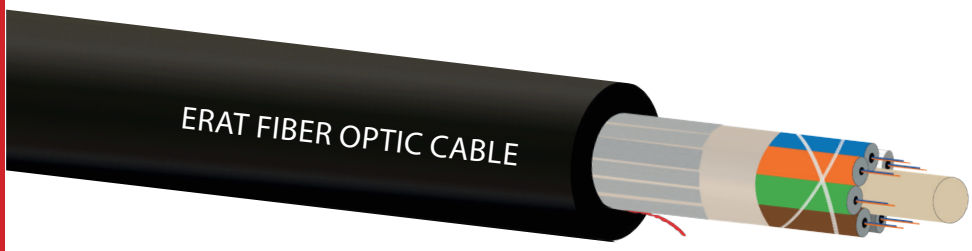
MULTI TUBE FIBER OPTIC CABLES SJNMA- DRY - PE

A-DQ(ZN)2Y
IEC 60793-1-2, IEC 60794-3-12
Multi Tube, Non-Metallic, Single Sheathed, DRY Fiber Optic Cables



APPLICATIONS	CONSTRUCTION
HDPE in long distance and local communication networks, etc. it is used in pipes made of material.	Fiber dyed into Loose tubes it is placed, then bent by the SZ method and sheathed with MDPE/HDPE material together with a sufficient amount of glass yarn. It has the property of water blocking.

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
Tube Filling Compound	Thixotropic Jelly
Filling Material	Water Blocking Tape
Strength Member	Glass Yarn
Ripcord Type	Polyester Ripcord
Outer Jacket	Black-MDPE/HDPE

MECHANICAL AND ENVIRONMENTAL PROPERTIES		
Physical Tests	**Values**	**Standards**
Tensile Strength (Working)	1500 N	IEC 60794-1-2 E1
Tensile Strength (Assembly)	2500 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

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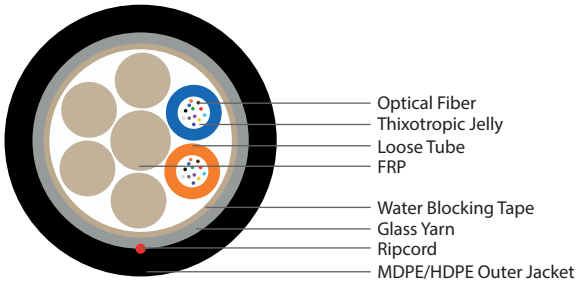
TECHNICAL DATA

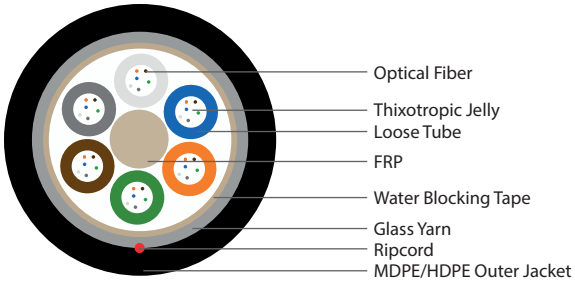
Fiber Count	Tube Count	Filler Count	Tube Diameter (mm)	Cable Diameter (mm)	Approximate Weight (kg/km)
24	6	0	1.85±0.05	9.4±0.5	73
48	4	2	1.85±0.05	9.4±0.5	74
48	6	0	1.85±0.05	9.4±0.5	73
72	6	0	1.85±0.05	9.4±0.5	75
96	8	0	1.85±0.05	10.4±0.5	99
144	12	0	1.85±0.05	12.8±0.5	135
288	24	0	2.1±0.05	16.3±0.5	205

CONSTRUCTION

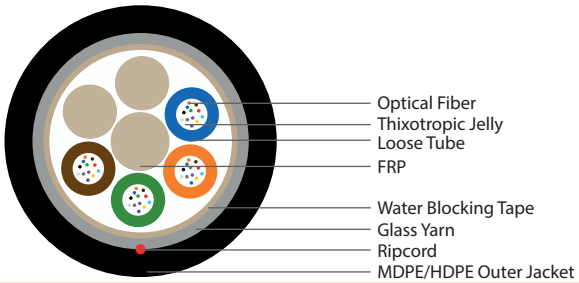
24 Fiber 2x12



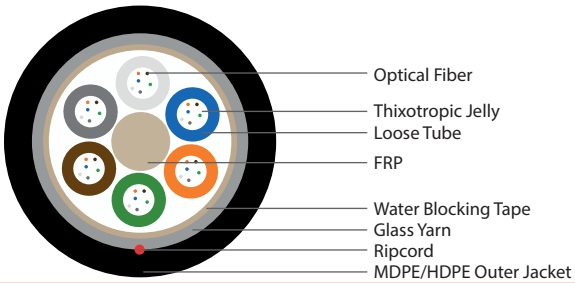
24 Fiber 6x4



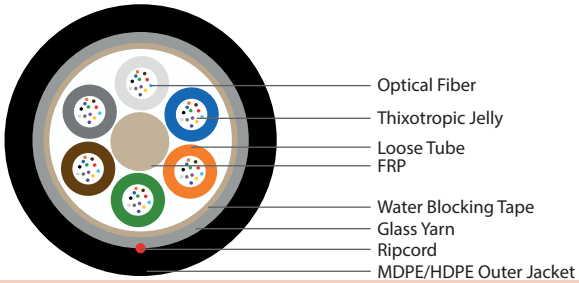
48 Fiber 4x12



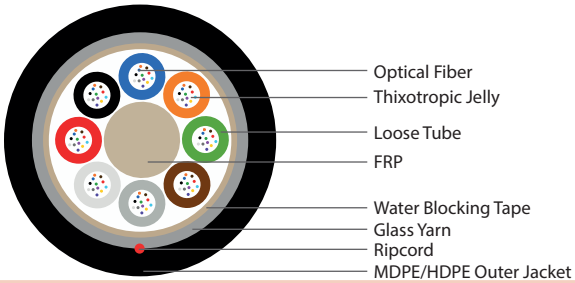
48 Fiber 6x8



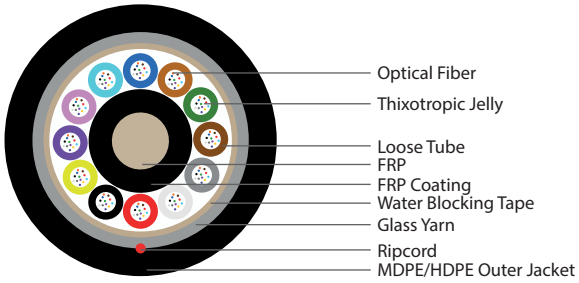
72 Fiber 6x12



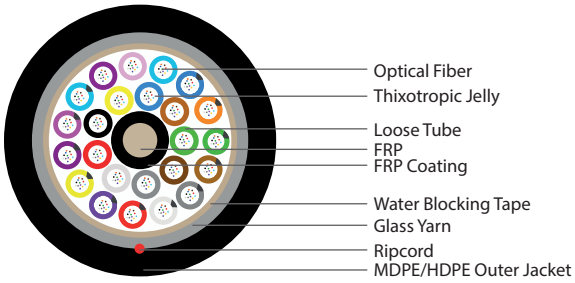
96 Fiber 8x12



144 Fiber 12x12



288 Fiber 24x12



MULTI TUBE FIBER OPTIC CABLES SJNMA- DRY - PE

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

COLOR OF LOOSE TUBES / TIA-598											
1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

Note: Black striped for more than 12 tubes