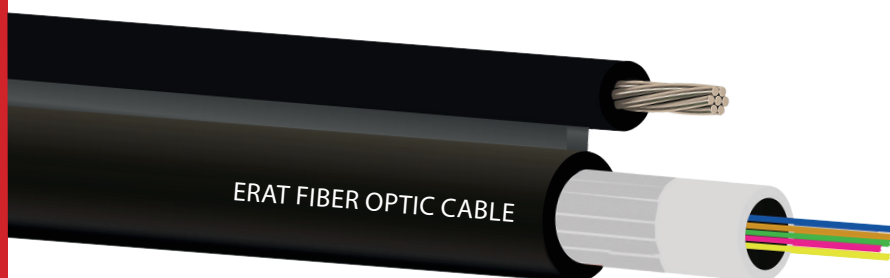


FIGURE 8 SINGLE TUBE FIBER OPTIC CABLES SJNMA-PE

A-DQ(ZN)T2Y

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

Single Tube, Steel Messenger Wire, Single Sheathed Fiber Optic Cables



APPLICATIONS	CONSTRUCTION
AERIAL in long distance and local communication networks It is used by hanging it from the messenger between the poles on the lines.	Fiber painted into the central buffer tube it is placed, then applied as Corrugated Steel Tape Armor Material with Aramid yarn / Glass yarn. Via Messenger Sheathed together with MDPE/HDPE material.

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
Messenger	7x 0.92 mm Steel Wire (can be changed according to customer demand)
The Outer Diameter of the Messenger	5.1 mm (The outer diameter of the messenger depends on the diameter of the Steel wire.)
Outer Jacket	Black-MDPE/HDPE

MECHANICAL AND ENVIRONMENTAL PROPERTIES

Physical Tests	Values	Standards
Tensile Strength (Working)	2400 N	IEC 60794-1-2 E1
Tensile Strength (Assembly)	3500 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	Plywood Reel and Wooden Reel

FIGURE 8 SINGLE TUBE FIBER OPTIC CABLES SJNMA-PE
7X STEEL WIRE

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	6.0*13.5±0.5	93
4	1	0	2.4±0.05	6.0*13.5±0.5	93
6	1	0	2.4±0.05	6.0*13.5±0.5	93
8	1	0	2.4±0.05	6.0*13.5±0.5	93
12	1	0	2.4±0.05	6.0*13.5±0.5	93
24	1	0	2.8±0.05	6.5*14.0±0.5	97

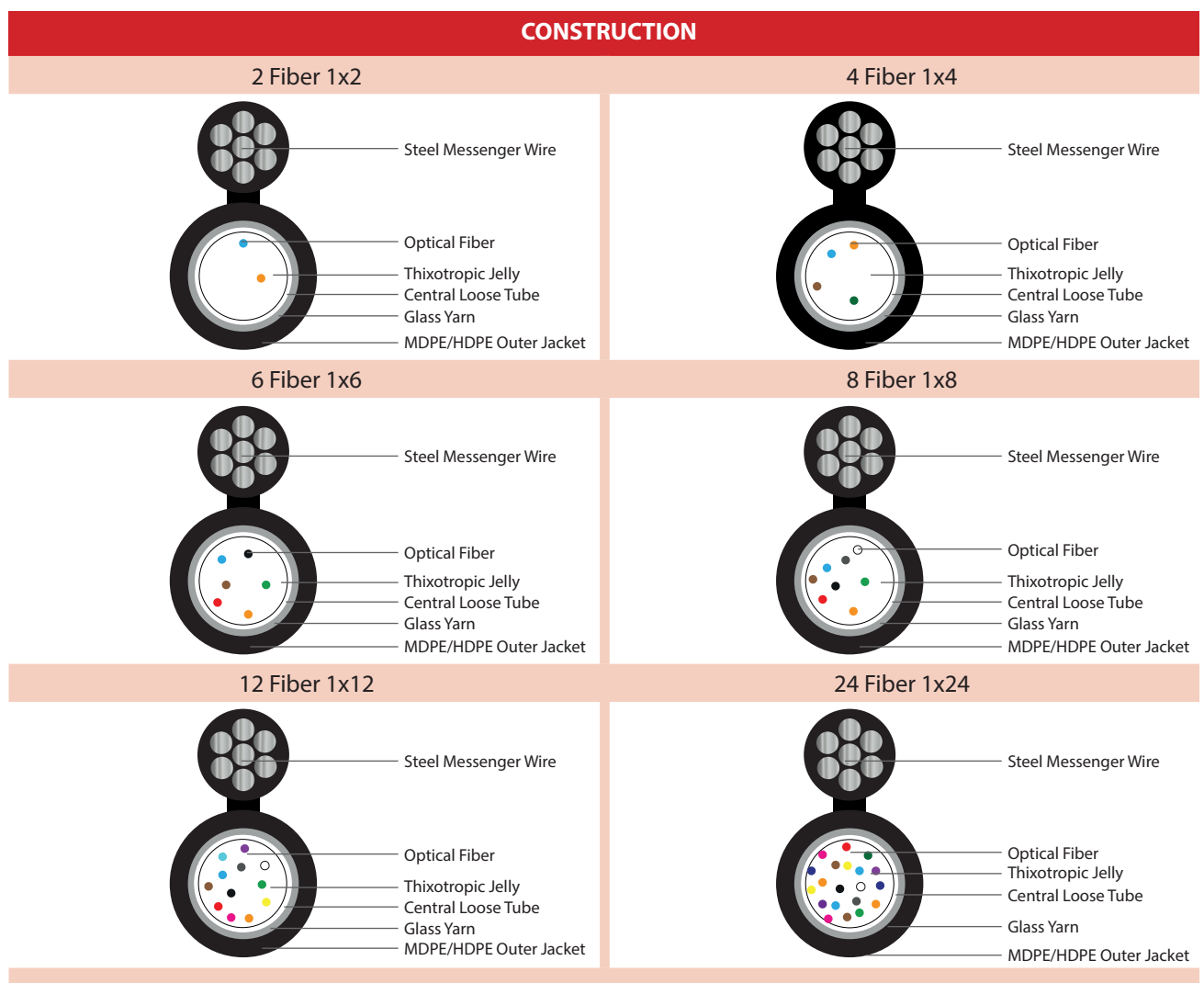


FIGURE 8 SINGLE TUBE FIBER OPTIC CABLES SJNMA-PE
7X STEEL WIRE



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