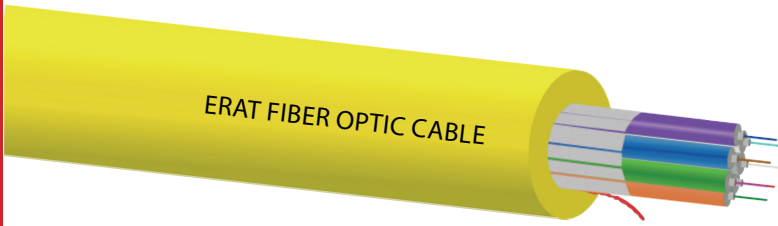


MTD FIBER OPTIC CABLE - GLASS YARN

IT-V(ZN)H

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

Multi Tight Distribution, Non-Metallic Fiber Optic Cables



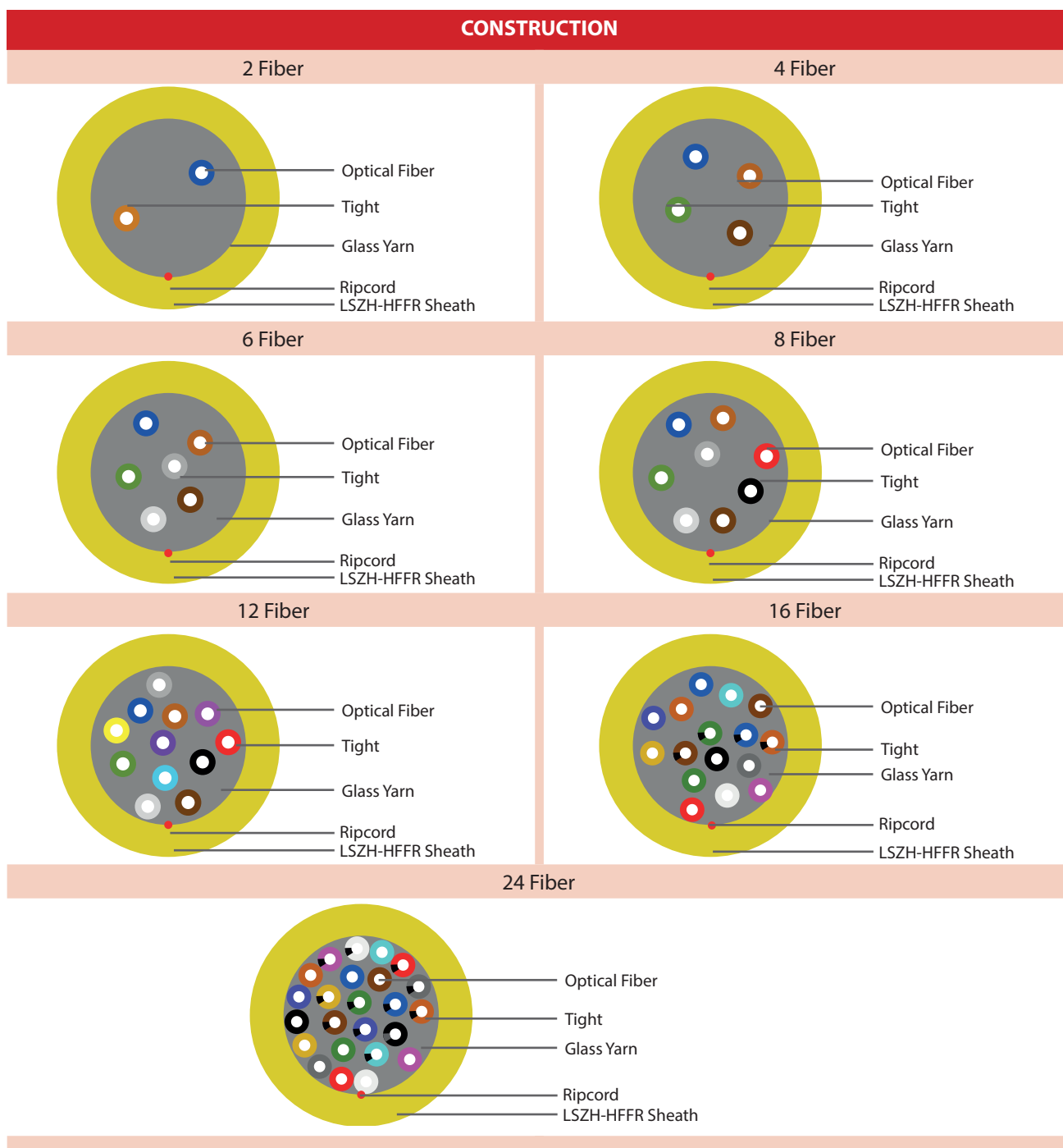
APPLICATIONS	CONSTRUCTION
It is used in short-distance communication networks, in interconnection applications within campus backbone structures, and in fiber-to-the-desk applications, inside cable ducts or cable trays.	The Fiber come together after being tightly coated. is added and Glass Yarn is strengthened. It is sheathed with HFFR 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
Strength Member	Glass Yarn
Outer Jacket Color	Black, Yellow
Outer Jacket	LSZH-HFFR

MECHANICAL AND ENVIRONMENTAL PROPERTIES		
Physical Tests	Values	Standards
Short Term Tensile Strength	600 N	IEC 60794-1-2 E1
Long Term Tensile Strength	300 N	IEC 60794-1-2 E1
Bending Radius	20 x cable diameter	IEC 60794-1-2 E11
Operating Temperature	-30 to +60 °C	IEC 60794-1-2 F1
Mounting Temperature	-20 to +50 °C	IEC 60794-1-2 F1


SHEATH MARKING, PACKAGING INFORMATION	
Marking	Erat Cable <Production Year> <Fiber Number and Type> <Meter>
Packaging	1000 mt ±%5
Packaging Information	Plywood Reel and Wooden Reel

TECHNICAL DATA		
Fiber Count	Outer Diameter (mm)	Approximate Weight (kg/km)
2	4.5 ±0.5	29
4	5.5 ±0.5	35
6	6.0 ±0.5	46
8	6.8 ±0.5	52
12	7.5 ±0.5	60
16	8.0 ±0.5	72
24	9.0 ±0.5	91



▶ **MTD FIBER OPTIC CABLE - GLASS YARN**



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- Black / White Striped
	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 Stripes		23- Pink / Black Striped
	6- White		12- Aqua		18- White / Black Stripes		24- Aqua / Black Striped