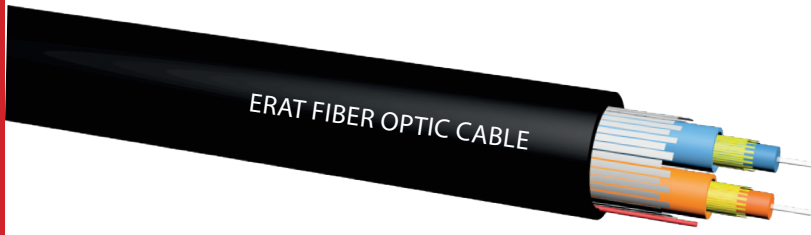


# BREAKOUT INDOOR-OUTDOOR FIBER OPTIC CABLE

AT-V(ZN)H(ZN)H

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

Breakout, Non-Metallic, Fiber Optic Cables



APPLICATIONS	CONSTRUCTION
In cable trays, junction boxes, connection panels is used.	After the Fiber are tightly coated, the inner sheath is coated with Aramid Yarn together with HFFR material then put together is added and Glass Yarn is strengthened. with HFFR material is sheathed.

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	Aramid Yarn and Glass Yarn
Outer Jacket Color	Black
Outer Jacket	LSZH-HFFR

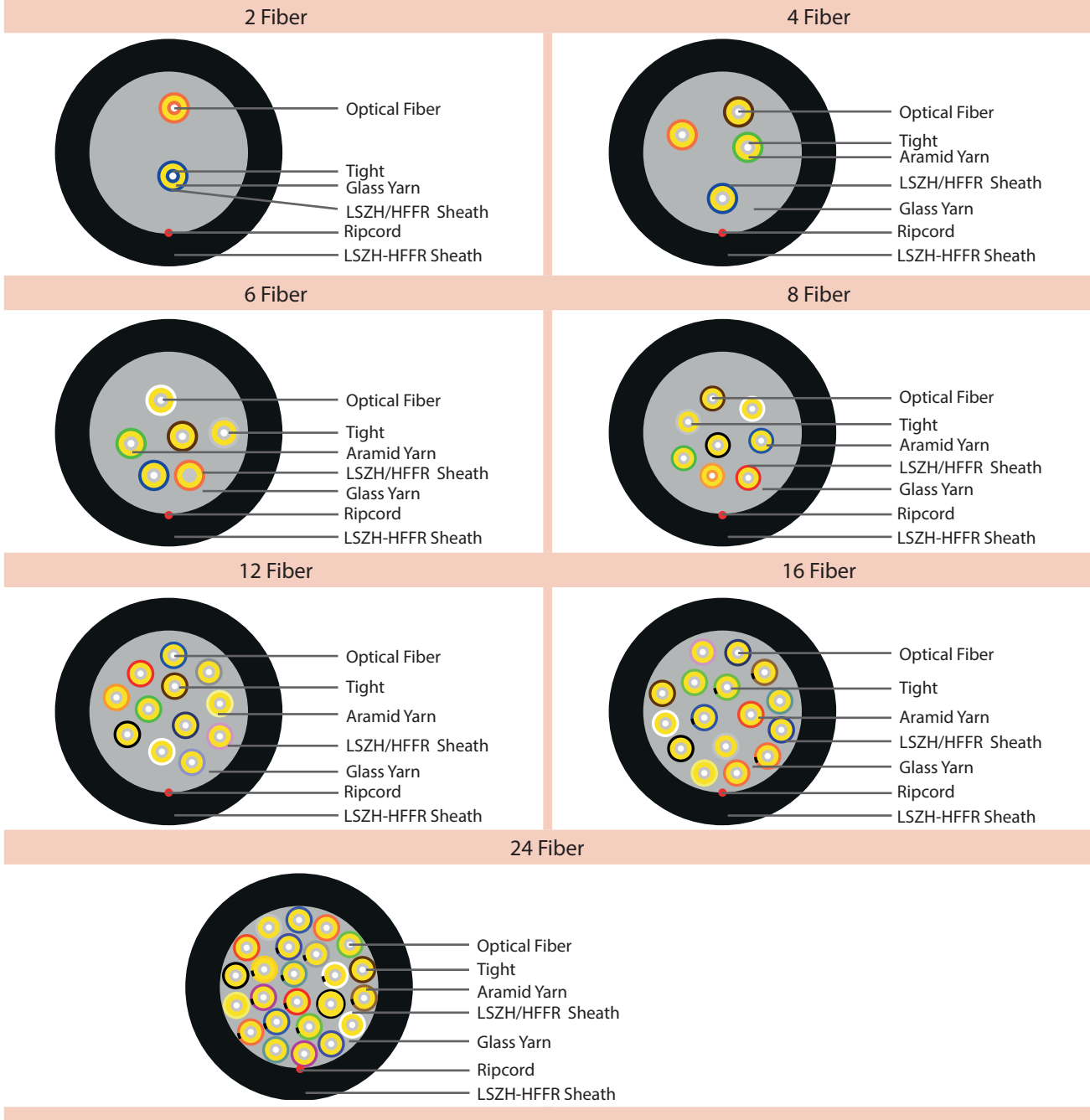
MECHANICAL AND ENVIRONMENTAL PROPERTIES		
Physical Tests	Values	Standards
Short Term Tensile Strength	800 N	IEC 60794-1-2 E1
Long Term Tensile Strength	400 N	IEC 60794-1-2 E1
Bending Radius	20 x cable diameter	IEC 60794-1-2 E11
Operating Temperature	-30 to +60 °C	IEC 60794-1-2 F1
Mounting Temperature	-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	Simpleks Zipcord Diameter (mm)	Cable Diameter (mm)	Approximate Weight (kg/km)
2	2.0	$7.2 \pm 0.5$	46
4	2.0	$7.2 \pm 0.5$	48
6	2.0	$8.5 \pm 0.5$	70
8	2.0	$9.5 \pm 0.5$	85
12	2.0	$10.7 \pm 0.5$	105
16	2.0	$12.5 \pm 0.5$	140
24	2.0	$14.2 \pm 0.5$	195

## CONSTRUCTION



## BREAKOUT INDOOR-OUTDOOR FIBER OPTIC CABLE



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