

# SIMPLEX ZIPCORD FIBER OPTIC CABLE

I-V(ZN)H

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

Non-Metallic, Single Sheathed Fiber Optic Cables



APPLICATIONS	CONSTRUCTION
It is used in internal connections and patch cord applications.	After coating the fiber with HFFR, it is sheathed with HFFR material together with Aramid Yarns.

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
Outer Jacket Color	SM (Yellow) - MM OM1 (Orange) - MM OM2 (Orange) MM OM3 (Turquoise) - MM OM4 (Violet) - MM OM5 (Green)
Tight	LSZH-HFFR (Low Smoke Zero Halogen / Halogen Free Flame Retardant)
Strength Member	Aramid Yarn
Outer Jacket	LSZH-HFFR (Low Smoke Zero Halogen / Halogen Free Flame Retardant)

MECHANICAL AND ENVIRONMENTAL PROPERTIES		
Physical Tests	Values	Standards
Short Term Tensile Strength	200 N	IEC 60794-1-2 E1
Long Term Tensile Strength	100 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	Plastic Reel

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## TECHNICAL DATA

Fiber Count	Tight Diameter (mm)	Outer Diameter (mm)	Approximate Weight (kg/km)
1	0.9 ±0.05	2.0±0.03	4
1	0.9 ±0.05	2.4±0.03	5
1	0.9 ±0.05	2.8±0.03	7
1	0.9 ±0.05	3.0±0.03	8

## CONSTRUCTION

