

FTTH FLAT STEEL WIRE DROP FIBER OPTIC CABLE

U-N(ZM)H
IEC 60793-1-2, IEC 60794-3-12



Fiber Optic Cable



APPLICATIONS	CONSTRUCTION
It is used in short-distance internal communication networks, in applications where panels and similar units are connected to each other or to the fiber backbone, in applications requiring direct termination, in fiber to the home (FTTH) applications, and in all general purpose internal LAN applications.	Two Steel Wire (SWA) support elements along with the fibers are sheathed with HFFR material. It has water blocking feature.

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	Black - LSZH-HFFR

MECHANICAL AND ENVIRONMENTAL PROPERTIES		
Physical Tests	Values	Standards
Short Term Tensile Strength	300 N	IEC 60794-1-2 E1
Long Term Tensile Strength	150 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

FTTH FLAT STEEL WIRE DROP FIBER OPTIC CABLE

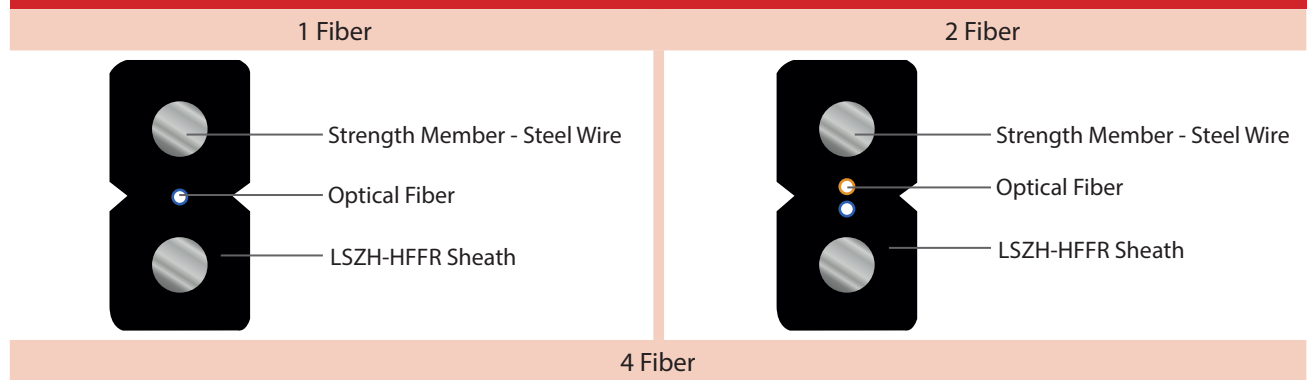


Fiber Optic Cable

TECHNICAL DATA

Fiber Count	Steel Wire	Cable Diameter (mm)	Approximate Weight (kg/km)
1	0.5mm	2x3	12.1
2	0.5mm	2x3	12.2
4	0.5mm	2x3	12.4

CONSTRUCTION



FIBER COLOR CODE / TIA-598 - A

