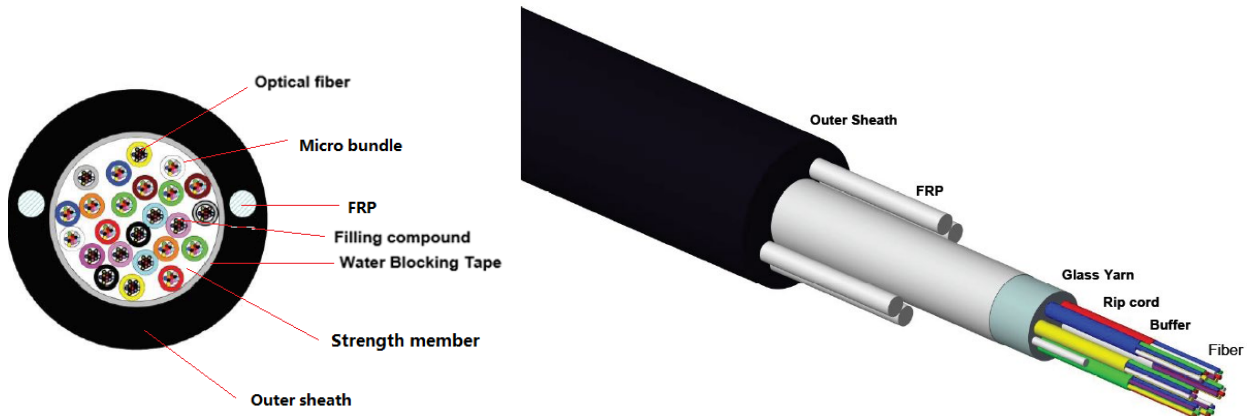


## L1092 Cable Family

### Structure



### Description

This outdoor cable family is suitable for aerial, burial, and ducted installations and is designed for long-term application in the field. The cable consists of 6 fiber microbundles, which are easily stripped by bare fingers and low force application. FRP elements in the outer HDPE sheath and kevlar or glass yarn provide excellent mechanical performance of these products. This cable is classified as ADSS.

### Features

- Aerial, burial, and duct applications
- Microbundle can be easily stripped with bare hands. Thin-walled elastomer tubing.
- Strong mechanical properties for harsh outdoor environment. High tensile and crush strength.

### Applications

- Mainly deployed in access networks outdoors
- Long life time applications with easy installation

## L1092 Cable Family

### Specifications and Performance

Fibers		12	24	36	48	72
No. of Microbundles		2	4	6	8	12
Microbundle diameter [mm]		1.1	1.1	1.1	1.1	1.1
Outer Diameter [mm]		7.5	9.0	9.0	9.0	11.0
Weight [kg/km]		45	60	70	80	110
Allowed tension [N]	Service	800	1200	1700	2700	2700
Allowed crush [N/100mm]	Long Term	2000	2000	2000	3000	3000
	Short Term	2500	2500	2500	3500	3500
Min. Bend radius [mm]	Service (static)	20 d	20 d	20 d	20 d	20 d
	Installation (dynamic)	10 d	10 d	10 d	10 d	10 d
Kink resistance [mm]	Radius [mm]	30	40	40	60	60
	Installation	-5 °C to +40 °C				
Temperature	Service	-40 °C to +70 °C				
	Storage	-40 °C to +70 °C				

### Standards

Temperature	IEC 60794-1-2 F1
Tensile performance	IEC 60794-1-2 E1
Crush resistance	IEC 60794-1-2 E3
Kink resistance	IEC 60794-1-2-E10
Impact	IEC 60794-1-2 E4
Repeated bending	IEC 60794-1-2 E6
Torsion	IEC 60794-1-2 E7
Water Penetration	IEC 60794-1-2 F5B

### Options

Standard delivery length	500/1000/2000/4000 m Other lengths on request
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