

✔ Fiber optic flat ADSS cables Z-ADSS-FLA-12-48J, G.652D, span 60 m



- HDPE jacket (black)
- Small dimensions
- UV resistant
- Reinforced by two FRP rods
- Thixotropic gel in tubes
- Optical fibers G.652D
- Cable can be bent only in one plane
- Ripcords
- Moisture blockers

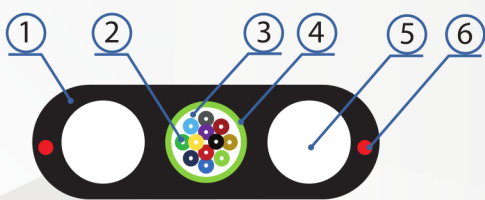
Application:

- Aerial installations, span up to 60 m

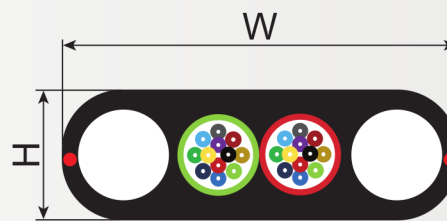
Technical data	Product ID	Number of fibers	Number of fibers in tube	Number of tubes	Dimensions WxH [mm]	Jacket thickness [mm]	Weight [kg/km]
	Z-ADSS-FLA.12J	12	12	1	8.4x4.4	1.2	37
	Z-ADSS-FLA.24J	24	12	2	10.4x4.4	1.2	40
	Z-ADSS-FLA.48J	48	24	2	11.6x5.0	1.2	55

Table 1. Flat ADSS cables ZTT12-48F, G.652D

STRUCTURE OF CABLE



Flat ADSS cables 12F



Flat ADSS cables 24-48F

1 - HDPE jacket, 2 - Optical fibers G.652D, 3 - Thixotropic gel, 4 - Tube with optical fibers, 5 - FRP rod 2 mm (x2), 6 - ripcord (x2)

Mechanical parameters	IEC standard	Flat cables 12-24F	Flat cables 48F
Tensile Strength	IEC 794-1-E1	1300 N	
Crush resistance	IEC 794 -1-E3	3000 N/100 mm	2500 N/100 mm
Repeated bending	IEC 794-1-E6	15 [cycles(15xD)], load 100N	
UV resistance	ISO 4892/2	✔	
Water penetration resistance	IEC 794-1-F5B	✔	
Abrasion resistance	IEC 794-1-E2	✔	
Temperature cycling test	IEC 794-1-F1	2 thermal cycles in the range of -40°C÷70°C	

Table 2. Mechanical parameters of fiber optic flat ADSS ZTT cables 12-48F, G.652D

Number	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Red	Green	Blue	White	Violet	Orange	Grey	Yellow	Brown	Pink	Black	Aquamarine

Table 3. Optical fibers colour coding

✔ Storage and transport temperature: -40°C ÷ 70°C

✔ Installation temperature: -15°C ÷ 50°C

✔ Operation temperature: -40°C ÷ 70°C

According to standards: IEC 60793-1, IEC 60793-2, IEC 60794-4-20

