

✔ Fiber optic flat ADSS cable Z-ADSS-FLA-24J-657, 3kN, span 60 m, G.657A1



- HDPE jacket (black)
- Small dimensions
- UV resistant
- Reinforced by two FRP rods
- Thixotropic gel in tubes
- Optical fibers G.657A1
- Cable can be bent only in one plane
- Ripcords
- Moisture blockers

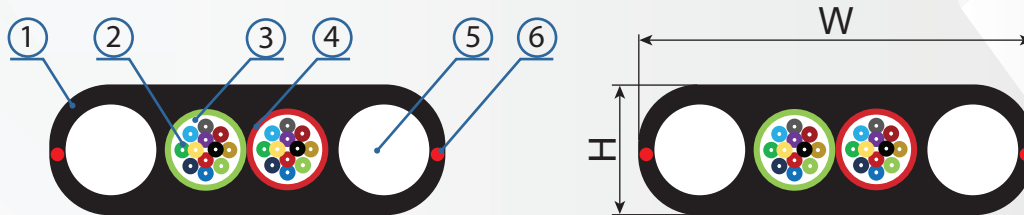
Application:

- 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.24J-657	24	12	2	10.4x4.4	1.2	40

Table 1. Flat ADSS cable ZTT 24F, G.657A1

STRUCTURE OF CABLE



Flat ADSS cable 24F

1 - HDPE jacket, 2 - Optical fibers G.657A1, 3 - Thixotropic gel, 4 - Tube with optical fibers, 5 - FRP rod 2 mm (x2), 6 - ripcord (x2)

Mechanical parameters	IEC standard	Cable Z-ADSS-FLA-24J-657
Tensile Strength	IEC 794-1-E1	1300N
Crush resistance	IEC 794 -1-E3	3000N/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 cable 24F, G.657A1

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

