Fiber optic cables Z-DAC-02-24J.652, 4kN, G.652D

- PE jacket (orange)
- Unitube structure
- Water resistant
- Resistance to acids, alcohols, gasoline
- Resistance to salt solutions, lyes
- Reinforced by glass fibers
- Reinforced by two FRP rods
- High crush resistance
- Optical fibers G.652D
- Ripcords

Application:

Designed for direct access in the ground | Outdoor installation | Duct installation

Technical data	Product ID	Number of fibers	Cable diameter [mm]	Thickness of jacket [mm]	Weight [kg/km]
	Z-DAC-02J	2	5.3	1.2	24
	Z-DAC-04J	4	5.3	1.2	24
	Z-DAC-08J	8	5.3	1.2	24
	Z-DAC-12J	12	5.3	1.2	24
	Z-DAC-24J	24	6.2	1.2	35

Table 1. Fiber optic DAC ZTT cables 2-24F, unitube, 4kN, G.652D

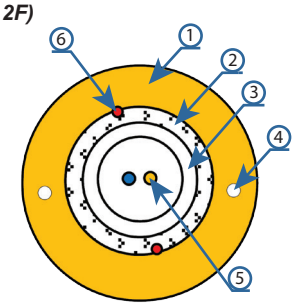
Mechanical parameters	IEC/ISO standard	DAC cables ZTT 2-24F, G.652D	
Tensile Strength	IEC 794-1-E1	1200 N	
Crush resistance	IEC 794 -1-E3	4000 N/100 mm	
Impact resistance	IEC 794 -1-E4	20 impacts, 12 Nm	
Repeated bending	IEC 794-1-E6	20 [cycles(15xD)]	
Torsion resistance	IEC 794-1-E7	10 cycles 180˚, load 120N	
UV resistance	ISO 4892/2	✓	
Abrasion resistance	IEC 794-1-E2	✓	
Temperature range	IEC 794-1-F1	Installation -20°C÷50°C	Operating -30°C÷60°C

Table 2. Mechanical parameters of fiber optic DAC ZTT cables 2-24F, unitube, 4kN, G.652D

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

Table 3. Fiber optic colour coding

STRUCTURE OF CABLE (example for 2F)



1 - PE jacket (orange)
2 - Glass fibers
3 - Central tube with fibers
4 - FRP rod (x2)
5 - Optical fibers G.652D
6 - Ripcord (x2)

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