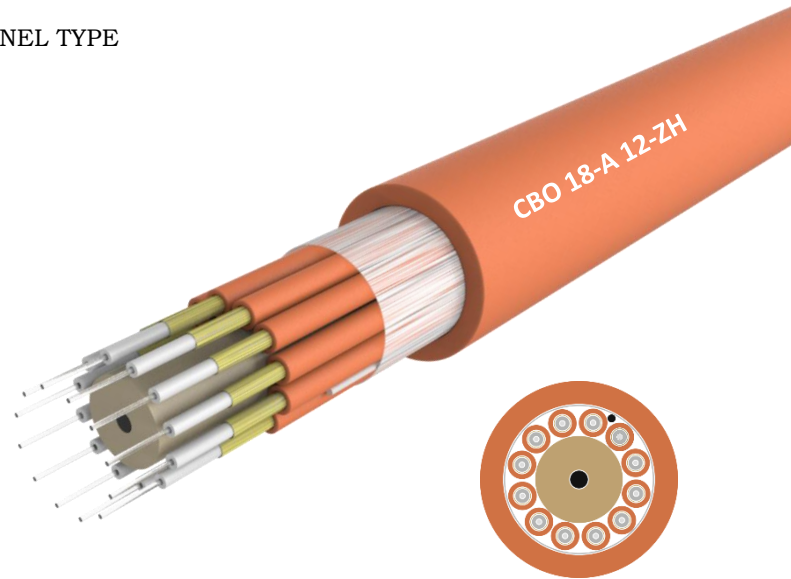


CBO 18-A { **04**
06
08 -ZH OPTICAL CABLE MULTICHANNEL TYPE
12
24

Characteristics

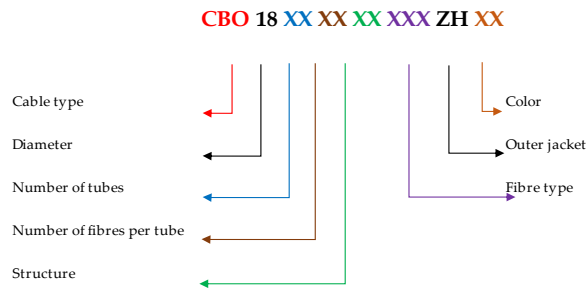
- 1: 4 to 24 Optical fibres
 - 2: Aramide yarn
 - 3: Sheath Ø 1,8 mm LSOH-FR
 - 4: Ripcord
 - 5: Polyester tape 25 µm
 - 6: Fibreglass
 - 7: Outer jacket LSOH-FR
 - 8: Central element 900 µm
- Indoor / Outdoor



This optical cable multichannel CBO type, has fibreglass reinforcement and rodent protection, with tight or loose structure, 4 to 24 optical fibres 50/125, 62.5 / 125 or 9/125 Ø 1.8mm sheathed in accordance with the terms and conditions UTE NF C 93850 particularly adapted for connections requiring good mechanical strength in tension and compression, it meets the requirements of industrial applications. It has no metal components and its outer jacket LSOH-FR (flame retardant) meets the standards NF C 32070 C1 and IEC 332-1C.

		CBO 18 04	CBO 18 06	CBO 18 08	CBO 18 12	CBO 18 24
Outer diameter	mm	8,5 ± -0,25	9	13,2	13,2	15
Weight	kg/km	60	75 +/-2	100	100	220
Dynamic bend radius	mm	120	100	120	120	300
Static bend radius	mm	60	50	60	60	250
Tensile load (installation)	daN	80	60	80	80	120
Tensile load (operational)	daN	20	15	20	20	60
Crush resistance	daN/cm	20	20	20	20	25
Storage temperature	°C	-40 à +70	-40 à +70	-40 à +70	-40 à +70	-40 à +70
Operating temperature (loose structure)	°C	-5 à +70	-5 à +70	-5 à +70	-5 à +70	-5 à +70
Operating temperature (tight structure)	°C	-30 à +70	-20 à +70	-30 à +70	-30 à +70	30 à +70

Cable by alphanumeric code



CONDITIONING

Depending on demand and lengths, optical cables are delivered in CBO structure

- In strand, for length \leq 50m
- On wooden reel for greater length

CONNECTING

Fibres are numbered from 1 to 24. It is possible to mount on these fibres all types of compatible connectors available on the market, such as ST, SC, FC, etc ...

Impairments and basebands responses are specified for:

- * wavelengths of 850 and 1300 nm
- ** wavelengths of 1300 and 1550 nm

SPECIAL CABLES

These cables are also feasible with other fibres or mixed composition. On request, the company can explore all Eurofo optical cables structures with special or similar mechanical standardized characteristics.

