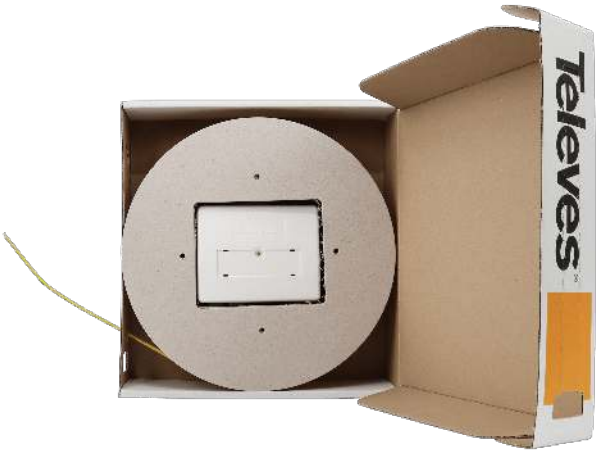

F.O. Patch Box pre-terminated with dispenser box 2 to 4 SC/APC outputs

Device enabled as a connection point to an optical fiber network. In communications infrastructures, it works as a cut-off and test point for the optical fiber network.
It incorporates optical fiber with one end pre-connectorised on the Patch Box, with 2 SC/APC connectors. This provides the installer with greater convenience and agility in assembly, allowing the fiber to pass through the different conduits to the desired point. The installer only has to do the fusion or connection 2 FO connectors at the connection point.
Moreover, the fiber is delivered in a dispenser box with a reel inside, which significantly facilitates the deployment of the cable, reducing installation time and the risk of damage to the fiber.
The design also allows installation in other types of premises (car repair shops, classrooms, work tables, wiring cabinets, etc.) and use as a connection point.

Ref.	231526
Logical ref.	OB42100
EAN13	8424450183793

Other features	
Length	100.00 m

Packaging info	
Box	1 pcs.

Physical data	
Net weight	1,404.00 g
Gross volume	5.21 dm³
Gross weight	1,634.00 g
Width	118.00 mm
Height	96.00 mm
Depth	33.00 mm
Main product weight	84.00 g

Highlights

- Made of robust ABS plastic. White color (RAL 9003)

- With a capacity of up to 4 SC/APC output connectors
- 100% laboratory verified by interferometer.
- Equipped with ITU-T G657A2 single-mode fibers and Dca-s2,d0,a1 Euroclass
- Equipped with 2 Simplex Single-Mode "SC/APC" female-to-"SC/APC" female adapters (with self-locking cover)
- Multi-anchoring system: DIN rail standard, wall or outlet
- Single direction of rotation of the fibers inside (which facilitates installation)
- Identifying label
- 6 inputs, pre-cut on its sides, for FO access
- Back input for FO and SC connector
- Pre-cut input at the bottom, for access to a distribution frame (SC/APC)
- Equipped with: 2 heat-shrink sleeves, 2 cable ties, installation screws
- 100% european quality: manufactured by Televes in Spain

Technical specifications

Ref. 231526

Number of fibers		2
Number of inputs		8
Closure type		Cover
Front door locking system		Screw
Type of connections		Connector and fusion splice
Installation type		Wall / Ceiling
Material		ABS Plastic
Thickness	in	0.079
Color		White
Protection index (IP)		30
Protection index (IK)		07
Height	in	3.819
Width	in	4.685
Depth	in	1.299
Fiber core type		Single-mode (ITU-T-G.657.A2)
Euroclass		Dca
Euroclass: Smoke Production		s2
Euroclass: Flaming droplets		d0
Euroclass: Acidity		a1
Fiber core Diameter	µm	9
Fiber cladding Diameter	µm	125
Coating buffer Diameter	µm	250
Cable structure		Tight buffer
Plastic buffer diameter	in	0.035
Outer sheath Diameter	in	0.138
Outer sheath Material		LSFH
Blocking jelly		No
Optical fiber attenuation: 1310nm	dB/km	< 0.4
Optical fiber attenuation: 1490nm	dB/km	< 0.3
Optical fiber attenuation: 1550nm	dB/km	< 0.3
Connector losses	dB	< 0.3
Return losses	dB	> 60
Short tension	N	500
Long tension	N	500
Structure reinforcement element		Aramid fibers
Short crush (@100mm)	N	500
Long crush (@100mm)	N	500
Minimum bending radius	in	0.689
Operating temperature	°F	-4 ... 158