



Ⓒ Data sheet: Wall Box Outdoor WBO

Ⓓ Datenblatt: Wandgehäuse WBO



Ⓒ Picture of splice/patch variant with SCM splice cassettes

Ⓓ Abbildung von Variante Spleissung/Rangierung mit SCM-Spleisskassetten



Picture of WBO closed

Abbildung von einem geschlossenen Gehäuse

Ⓒ

Features

- Many different configuration variants of fiber connection
 - Splice variants with MultiCircuit (MCM) or SingleCircuit (SCM) fiber management
 - Every splice cassette individually accessible for easy fiber access
 - Bend radius limitation of 35mm for fibers and 30mm for pigtails and patchcords
 - Protection class IP54/IP64
 - Hinged cover with lock system (optional lock with key)
 - Various cable entry possibilities with integrated plastic caps
 - For indoor and outdoor applications
 - Wall mounting with screws and mast fitting with metal belts (material not included)
- 4 different basic configurations can be achieved
- Splice through
 - Splice/Patch
 - Splice/Patch/Splice
 - Patch through (max. 24 fiber connections)

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Page 1 of 8



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Leistungsmerkmale

- Viele verschiedene Konfigurationsvarianten von Faserverbindungen
- Spleissvarianten mit Mehrfaser- (MCM) oder Einzelfaser- (SCM) Management
- Jede Spleisskassette kann geschwenkt werden für den individuellen Faserzugriff
- Biegeradiusbegrenzung von 35mm für Fasern und 30 mm für Pigtails und Rangierkabel
- Schutzklasse IP54/IP64
- Schwenkbarer Deckel mit Verschluss (optional Schloss mit Schlüssel)
- Viele verschiedene Kabeleingänge mit integrierten Kunststoffkappen
- Für Applikationen in Gebäuden und im Freien
- Befestigung an die Wand mit Schrauben und an Mast mit Metallbänder (Material nicht enthalten)

4 verschiedene Basiskonfigurationen können gebaut werden

- Durchspleissung
- Spleissung/Rangierung
- Spleissung/Rangierung/Spleissung
- Durchrangierung (max. 24 Faserverbindungen)



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Cable entry positions at the base of the box:

- 2 x for cable up to Ø 23mm
- 6 x for cable up to Ø 9mm
- 1 x for cable up to Ø 9mm (for earth connection)

Grommets at the cable entry points are made from synthetic rubber or polyethylene

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Positionen von Kabeleingängen am Boden des Gehäuses:

- 2 x für Kabeldurchmesser bis 23mm
- 6 x für Kabeldurchmesser bis 9mm
- 1x für Kabeldurchmesser bis 9mm (für Erdung)

Stopfen aus synthetischem Kautschuk oder Polyethylen hergestellt

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Modification No.: **a**
Last amended:
Page 2 of 8

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Data sheet



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Technical data	Value
Dimensions (WxHxD)	223 x 391 x 124mm
Materials	Housing ASA UV-stabilized UL94 V-0; cover glass-fiber reinforced polyester; screws for cover polyamid; grommets synthetic rubber or polyethylene; sealing closed cell rubber; screws stainless steel; base plate special steel; adapter plate aluminium; splice cassettes ABS/PC (UL 94 V-0); mandrels thermoplastic
Weight	approx. 2 kg *
Colors	Housing and cover pebble grey (RAL 7032); base plate and adapter plate metallic; splice cassettes pearl white (RAL 1013); grommets and mandrels black
Bending radius limitation	35mm for fibers, 30mm for pigtails and patchcords
Protection class	IP 54 without sealing, IP 64 with sealing acc. DIN 40050
Packing Unit	1 Piece
Order code	See next table

* depending on the configuration

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Technische Daten	Wert
Dimensionen (BxHxT)	223 x 391 x 124mm
Materialien	Gehäuse ASA UV-stabil UL94 V-0; Deckel glasfaserverstärkter Polyester; Deckelschrauben Polyamid; Stopfen synthetischer Kautschuk oder Polyethylen; Dichtung Zellkautschuk; Schrauben rostfreier Stahl; Basisplatte Edelstahl; Kupplungsplatte Aluminium; Spleisskassetten ABS/PC (UL 94 V-0); Radiusbegrenzer thermoplastischer Kunststoff
Gewicht	ca. 2 kg *
Farben	Gehäuse und Deckel kieselgrau (RAL 7032); Basisplatte und Kupplungsplatte metallisch; Spleisskassetten perlweiss (RAL 1013); Stopfen und Radiusbegrenzer schwarz
Biegeradiusbegrenzung	35mm für Fasern, 30mm für Pigtailes und Rangierkabel
Schutzklasse	IP 54 ohne Dichtung, IP 64 mit Dichtung gemäss. DIN 40050
Verpackungseinheit	1 Stück
Bestellcode	Siehe nächste Tabelle

* abhängig von der Konfiguration

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Page **3 of 8**



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Data sheet



ⓐ Splice through variant MCM
Max. 48 splices (4 cassettes)



Splice through variant SCM
Max. 24 splices (12 cassettes)



Splice/Patch variant MCM
Max. 48 splices (4 cassettes),
Max. 12 patch connections

ⓓ Variante Durchspleissung MCM
Max. 48 Spleisse (4 Kassetten)

Variante Durchspleissung SCM
Max. 24 Spleisse (12 Kassetten)

Variante Spleissung/Rangierung
MCM
Max. 48 Spleisse (4 Kassetten),
Max. 12 Rangierverbindungen



ⓐ Splice/Patch variant SCM
Max. 24 splices (12 cassettes),
Max. 12 patch connections



Splice/Patch/Splice variant MCM
Max. 48 splices (4 cassettes),
Max. 12 patch connections



Splice/Patch/Splice variant SCM
Max. 24 splices (12 cassettes),
Max. 12 patch connections

ⓓ Variante Spleissung/Rangierung
SCM
Max. 24 Spleisse (12 Kassetten),
Max. 12 Rangierverbindungen

Variante Spleissung/Rangierung/
Spleissung MCM
Max. 48 Spleisse (4 Kassetten),
Max. 12 Rangierverbindungen

Variante Spleissung/Rangierung/
Spleissung SCM
Max. 24 Spleisse (12 Kassetten),
Max. 12 Rangierverbindungen

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Page **4 of 8**



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Ordering Code	Description
WBO-	Wall box outdoor, max. 48 splices M CM , 24 SCM
APL -	Adapter plate, for Patch through only
MCM -	MultiCircuit Management
SCM -	Single Circuit Management
00 -	For patch through only
12 -	Number of splice cassettes, max. 4 M CM , 12 SCM
00/	Connector Code
09 -	Singlemode 9µm
50 -	Multimode 50µm
60 -	Multimode 62.5 µm
nn/	Number of adapters, max. 12
nn-	Number of pigtails, max. 12 for Splice/Patch variant; max. 24 for Splice/Patch/Splice variant
SW0 -	Sandwich splice protection holder
HS0 -	Heat shrink splice protection holder
A10 Standard variant	

Please note: Splice protectors, MASTERLINE and patchcords have to be ordered separately.

Delivery content: according order code

Connector Code

Code	Type
00	No connector
20	ST-HQ
22	ST-Security
24	ST-LEAN
30	FCPC
33	FCPC APC wide key
34	FCPC APC small key
70	SC
73	SC APC 8°
74	SC APC 9°
81	LX.5 duplex
84	LX.5 APC duplex
88	LC duplex
89	LC APC duplex
90	LSH (E2000)
93	LSH (E2000) APC

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Modification No.: **a**
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 Page **5 of 8**



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Bestellcode	Beschreibung
WBO-	Aussen-Wandgehäuse, max. 48 Spleisse MCM, 24 SCM
APL -	Kupplungsplatte, nur für Durchrangierung
MCM -	MultiCircuit-Management
SCM -	SingleCircuit-Management
00 -	nur für Durchrangierung
12 -	Anzahl Spleisskassetten, max. 4 MCM, 12 SCM
00/	Verbindercode
09 -	Singlemode 9µm
50 -	Multimode 50µm
60 -	Multimode 62.5µm
nn/	Anzahl Kupplungen, max. 12
nn-	Anzahl Pigtails, max. 12 für Variante Spleissung/Rangierung; max. 24 für Variante Spleissung/Rangierung/Spleissung
SW0 -	Sandwich-Spleisshalter
HS0 -	Schrumpf-Spleisshalter
A10 Standardvariante	

Beachte: Spleisschütze, MASTERLINE und Rangierkabel sind separat zu bestellen.
Lieferumfang: gemäss Bestellcode

Verbindercode

Code	Typ
00	Kein Verbinder
20	ST-HQ
22	ST-Security
24	ST-LEAN
30	FCPC
33	FCPC APC breite Nase (wide key)
34	FCPC APC schmale Nase (small key)
70	SC
73	SC APC 8°
74	SC APC 9°
81	LX.5-Duplex
84	LX.5 APC-Duplex
88	LC-Duplex
89	LC APC-Duplex
90	LSH (E2000)
93	LSH (E2000) APC

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Page **6 of 8**



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Ordering Information: Accessories

Description	Unit	Part no.
Lock for cover and 2 keys	1	
Central strength member clamp CSM-CLAMP-A1	10	84010409

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Bestellinformation: Zubehör

Beschreibung	Einheit	Arikelnummer
Schloss für Deckel und 2 Schlüssel	1	
Zugentlastungsklemme CSM-CLAMP-A1	10	84010409

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Page 7 of 8



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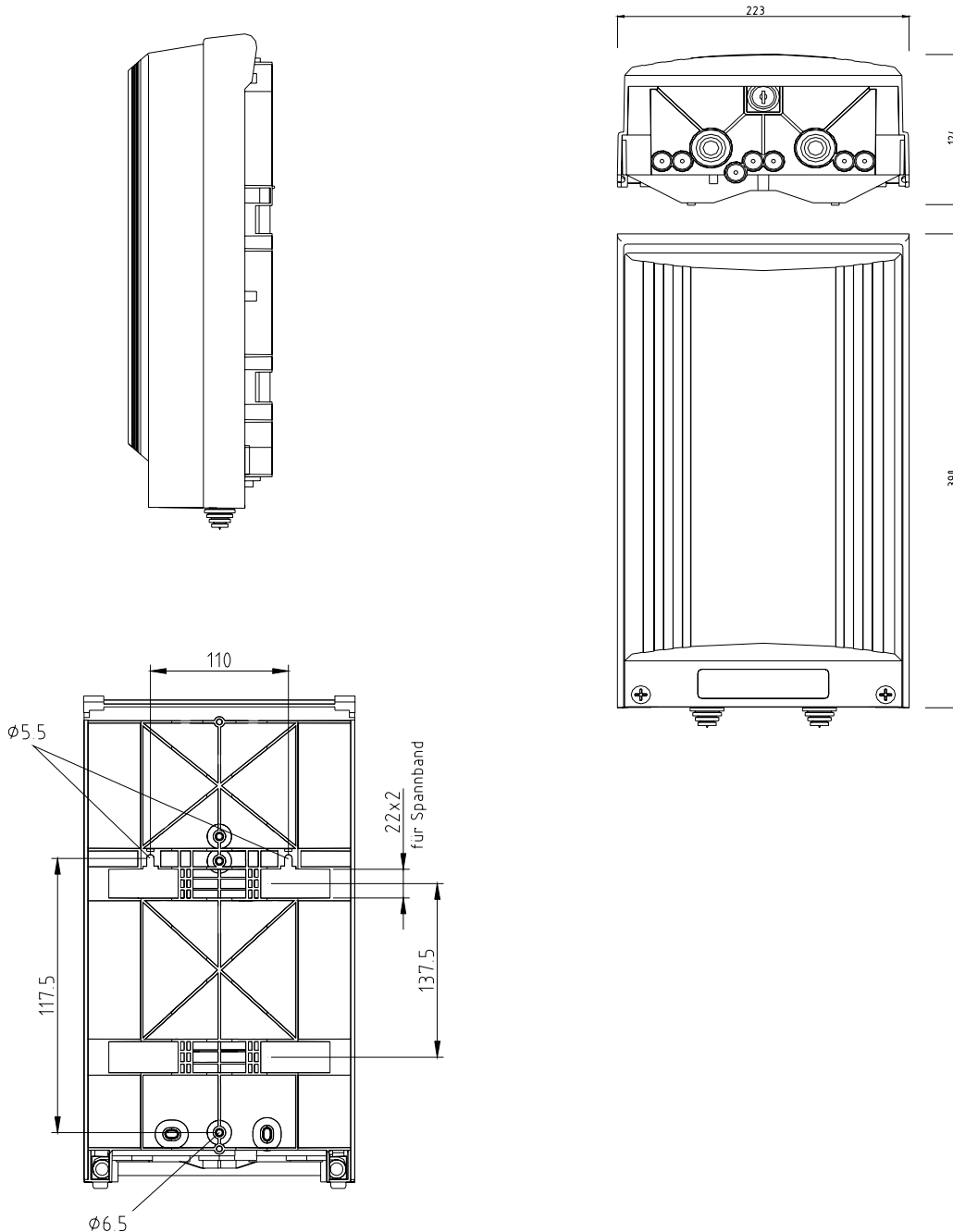
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- Ⓒ GB Technical drawing and positions of mounting points
- Ⓓ D Technische Zeichnung und Positionen Befestigungspunkte



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Page **8 of 8**



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