

Cable reserve boxes SZ-4, SZ-4.1, SZ-4.2

Description:

OPTOMER Cable Slack Storage Boxes are designed for the safe storage and protection of spare fibre optic and telecommunication cables in telecommunications manholes, cable chambers and other passive network infrastructure. Their enclosed design with an integrated cable storage frame keeps cable reserves neatly organised, maintains the recommended minimum bending radius and protects cables against mechanical damage.

The product family includes three models: SZ-4.1, SZ-4 and SZ-4.2. The models differ in dimensions, cable storage capacity and the number of cable entry ports, allowing users to select the most suitable solution for both compact installations and larger telecommunications networks.

Designed for easy installation and convenient access to stored cable, the enclosures simplify maintenance, network upgrades and future infrastructure expansion.

Features:

- Enclosed design protects cable reserves against mechanical damage.
- Maintains the recommended minimum cable bending radius.
- Internal cable storage frame for organised cable management.
- Flexible rubber cable glands protect cable entry and exit points.
- Easy access to cable reserves during maintenance and network upgrades.
- Available in three sizes to suit different installation requirements.
- Models equipped with either 4 or 6 cable ports, depending on the version.
- Durable construction designed for long-term operation in telecommunications infrastructure.

Equipment:

- Enclosure
- Cover
- Cable storage frame (integrated or separate, depending on the model)
- Flexible rubber cable glands (PG)
- Mounting kit

Recommended Accessories

- TK-20/5 cable ties for securing and organising cables during installation.

Technical specifications:

Parameter	SZ-4	SZ-4.1	SZ-4.2
Dimensions (W x H x D)	550 x 550 x 100 mm	450 x 450 x 130 mm	750 x 750 x 150 mm
Material	Steel/RAL 7035		
Weight	6,5 kg	5 kg	10 kg
Mounting	4 x Ø8,5 mm holes, 300 x 300 mm	4 x Ø8,5 mm holes, 250 x 250 mm	4 x Ø8,5 mm holes, 500 x 500 mm
Number of inputs/ outputs of a cable	4		6
Cable diameter range	Ø7-12 mm	Ø7-10 mm	Ø10-18 mm
Securing access to the interior	lock		

Storage Capacity

Cable Diameter	SZ-4	SZ-4.1	SZ-4.2
Ø7 mm	180 m	160 m	-
Ø8 mm	140 m	110 m	-
Ø9 mm	140 m	60 m	-
Ø10 mm	90 m	30 m	280 m
Ø11 mm	50 m	-	220 m
Ø12 mm	20 m	-	180 m
Ø13 mm	-	-	150 m
Ø14 mm	-	-	110 m
Ø15 mm	-	-	70 m
Ø16 mm	-	-	50 m
Ø17 mm	-	-	18 m
Ø18 mm	-	-	16 m