CONEXIO *flexx* PO-6 RRH



SCOPE OF SUPPLY

Power to the antenna (PTTA) box for 6 remote radio heads (RRH). Feeder cable with a blunt cut on the base band unit (BBU) station side

GENERAL DESCRIPTION

The CONEXIO flexx PO-6RRH is the top power box for up to 6 RRH and is equipped with screw terminals and can be upgraded with circuit breakers and surge protection for the maximum of flexibility and safety.

The feeder cable is prepared to assemble in the box and the BBU side comes with a blunt cut. Optionally a cable gland can be added to seal the entry point to the base station.

FEATURES

- Up to 6 RRH
- Robust design
- Equipped with screw terminals
- Flexible and upgradeable

- Optimized handling
- Reduced installation time
- High accessibility service friendly
- Optional circuit breakers and surge protectors

PRODUCT-NO	PRODUCT DESCRIPTION	Features	
851004	CONEXIO flexx PO-6RRH B	Box only	
851028	CONEXIO flexx PO-6RRH 10 m	Feeder cable length 10 m	
851142	CONEXIO flexx PO-6RRH 50 m	Feeder cable length 50 m	
851255	CONEXIO flexx PO-6RRH 100 m	Feeder cable length 100 m	

Please contact us for different configurations like other lengths, optional equipment, different BBU side, other cross sections etc.

TECHNICAL DATA

DESCRIPTION BOX	VALUE / VALUE RANGE
Number of RRH	6
Cable entry	Cable gland M40 for cable Ø 18 -32 mm
Cable exit	Up to 6 jumpers with cable glands M20 for cable Ø 7 - 14 mm
Terminals	Screw terminals up to 16 mm ²
Rated voltage	48 VDC
Maximum current rating per RRH	35 A
Product dimension (WxHxL)	300 x 300 x 132 mm
Circuit breaker (optional)	Miniature circuit breaker
Surge protection device (optional)	Type 1 surge protection device
Protective ventilation	Typcial airflow >400 ml/min

DESCRIPTION FEEDER	VALUE / VALUE RANGE
BBU connectivity PO	Blunt cut
Cable gland size BBU (optional)	M40



Datasheet

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Cable type	Multi-wire power supply cable
Cable diameter	22.4 ± 1.5 mm
Jacket material	LSFH™, black
Number of conductors	12
Conductor cross section	6 mm ²
Conductor type IEC 60228	Class 5
Conductor resistance	3.3 Ω/km
Rated voltage	AC: 0.6/1 kV (1,2 kV)
	DC: 0.9/1.5 kV
Maximum current rating at 60° C ambient temperature	25 A
Max conductor temperature	+90 °C
Insulation material	Crosslinked Polyethylene (XLPE)
Insulation color IEC 60445	Black
Metallic shield	Al/PET laminate foil shield, 50/23μm
Drain wire type IEC 60228	Class 5
Drain wire cross section	6 mm ²
Cable weight	905 kg/km
Minimum bending radius during installation	9x OD
In service	6x OD
CPR classification	D_ca

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE	STANDARD
Protection class IP	IP 68	IEC 60529
Impact resistance	IK09	EN 62262
Material	Fiberglass reinforced polycarbonate	
Color	RAL 7035 - grey	
Salt-mist	> 500 hours	IEC 61300-2-26
UV resistance	1'000 hours	ISO 4892-3 (method A / cylce 1)

CLIMATICAL DATA

DESCRIPTION		VALUE / VALUE RANGE
Temperature range	Operation	-40 °C to +85 ° C
	Installation	-10 °C to +50 ° C

FIRE PROPERTIES

DESCRIPTION	VALUE / VALUE RANGE	STANDARD
Flammability rating box	Pass	UL 746C
Fire propagation	Pass	IEC 60332-1-2, IEC 60332-3-24,
		IEC 60332-3-25



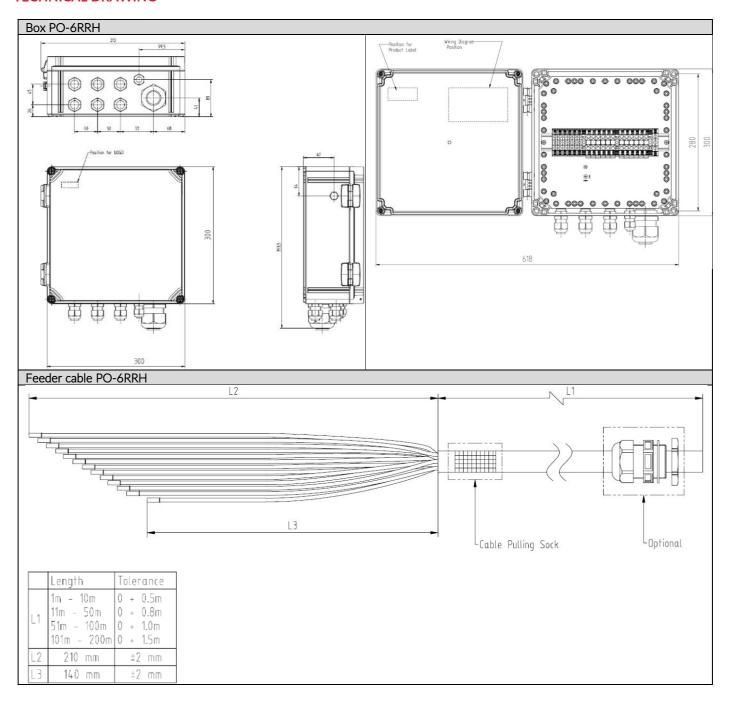
Datasheet

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ENVIRONMENT

DESCRIPTION	VALUE / VALUE RANGE
RoHS	Compliant
REACH	Compliant

TECHNICAL DRAWING





Datasheet

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ACCESSORIES







Mounting kit 300 x 300

Wall mounting kit

Grounding kit for poles, green-yellow, 16mm², 0.5 m

R900188

R900181

R900180







Hose clamp for pole diameters 40 - 60 mm



Hose clamp for pole diameters 60 – 135 mm

R900182

R900198

R900200



Jumper power stripped - blunt cut

2 m: R900317 5 m: R900318

