

CONEXIO *easy* PO-6 RRH



030.8429

SCOPE OF SUPPLY

Power to the antenna (PTTA) cable head terminal solution for 6 remote radio heads (RRH) with feeder cable, blunt cut on the base band unit (BBU) station.

GENERAL DESCRIPTION

The CONEXIO easy PO-6RRH is a cable head terminal solution for the power supply for up to 6 RRH and is equipped with female power sockets. 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
- Easy installation
- IP68
- PO connectivity with female power connectors
- Fast jumper mating and replacement
- Plug & Play
- Blunt cut on BBU side

PRODUCT-NO	PRODUCT DESCRIPTION	Features
851734	CONEXIO easy PO-6RRH 6mm ² 10 m	Feeder cable length L1 = 10 m
851741	CONEXIO easy PO-6RRH 6mm ² 50 m	Feeder cable length L1 = 50 m
851751	CONEXIO easy PO-6RRH 6mm ² 100 m	Feeder cable length L1 = 100 m

Please contact us for different configurations like other lengths, different BBU side finishes, other cross section etc.

TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Number of RRH	6
Power	6x power sockets female
Maximum current rating per RRH	Up to 44 A per power connector (depending on conductor cross section)
Product dimension (WxHxL)	109 x 94 x 296 mm
BBU connectivity PO	Blunt cut
Cable gland size BBU (optional)	M40
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

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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} s1, d2, a1
Connector type PO	Power socket female
Mating cycles PO	> 100

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE	STANDARD
Protection class IP	IP 68	IEC 60529
Impact resistance	IK 10	EN 62262
Material	UV stabilized polycarbonate	
Color	Black	
Salt-mist	> 500 hours	IEC 61300-2-26
UV resistance	1'000 hours	ISO 4892-3 (method A / cycle 1)

CLIMATICAL DATA

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

FIRE PROPERTIES

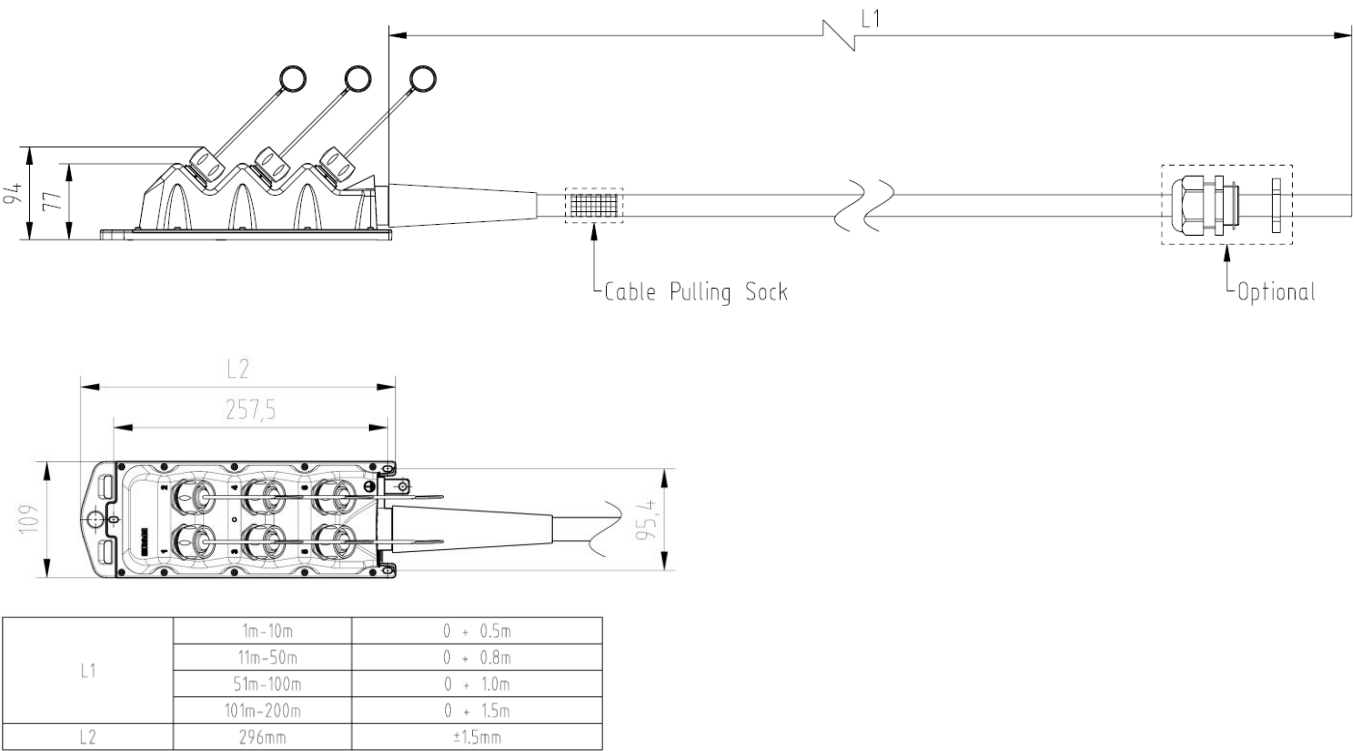
DESCRIPTION	VALUE / VALUE RANGE	STANDARD
Flammability rating	Pass	UL 94-V0
Fire propagation	Pass	IEC 60332-1-2, IEC 60332-3-25

ENVIRONMENT

DESCRIPTION	VALUE / VALUE RANGE
RoHS	Compliant
REACH	Compliant

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TECHNICAL DRAWING



CONEXIO *easy* PO-6 RRH

ACCESSORIES



Base plate kit for 6RRH

R900196



Base plate kit with protection cover for 6RRH

R900194



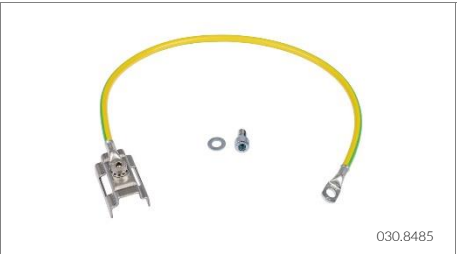
Hose clamp for pole diameters 40 – 60 mm

R900198



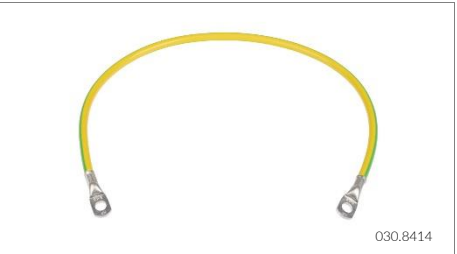
Hose clamp for pole diameters 60 – 135 mm

R900200



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

R900260



Grounding cable, green-yellow, 16 mm², 0.5 m

R900261



Jumper power Souriau connector female – blunt cut

2 m: R900268

5 m: R900269