Siretta

Enabling Industrial IoT

Low Loss (SLL200) Cable

SMA-Male To Reverse Polarity-SMA-Male

SMA Male | RP SMAM | SLL 200 | BLE Bluetooth | ZB Zigbee

Wi-Fi 5 / 6 / 7 | LoRa Wireless | 5G New Radio | 4G LTE | ISM DC to 6G

GNSS

Key Features

- Connector 1: SMA Male
- Connector 2: Reverse Polarity-SMA Female
- Low Loss (SLL200) Coxial Cable
- Impedance: 50Ω
- Lengths: 3M / 4M/ 5M /10M/ 15M / 20M
- Suggested Working Frequency: DC to 6GHz

Typical Applications

- RF Patch Cable with SMA(M) and SMA(M) Reverse Polarity
- Cellular Modules, Wi-Fi/Bluetooth Devices, Drones/Robotics, Medical Devices and Wearable Devices.

Environmental Specifications

- Operating Temperature: -40 to +90 °C
- RoHS and REACH compliant

Ordering Details:

Part Number	Description
ASMA300C058L13	SMA(M) to SMA(M) Reverse Polarity 3 M Low Loss (SLL200) Cable Assembly
ASMA400C058L13	SMA(M) to SMA(M) Reverse Polarity 4 M Low Loss (SLL200) Cable Assembly
ASMA500C058L13	SMA(M) to SMA(M) Reverse Polarity 5 M Low Loss (SLL200) Cable Assembly
ASMA1000C058L13	SMA(M) to SMA(M) Reverse Polarity 10 M Low Loss (SLL200) Cable Assembly
ASMA1500C058L13	SMA(M) to SMA(M) Reverse Polarity 15 M Low Loss (SLL200) Cable Assembly
ASMA2000C058L13	SMA(M) to SMA(M) Reverse Polarity 20 M Low Loss (SLL200) Cable Assembly

***Customisation Available**: We also offer customisation of cable lengths to meet your specific requirements. Whether you need a shorter or longer cable, we can tailor the solution to fit your exact needs - siretta@sales.com*

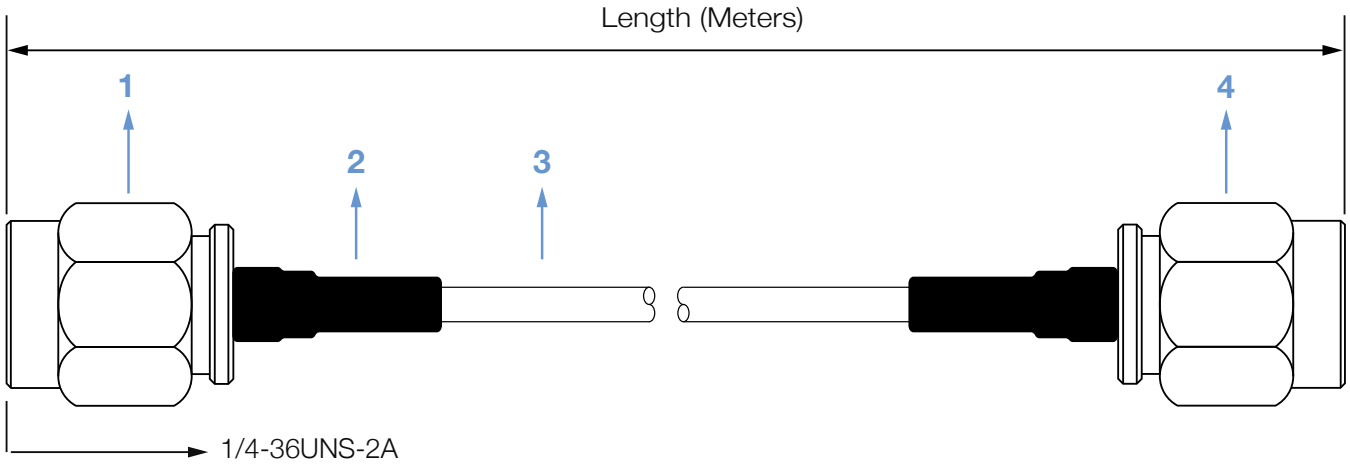
Siretta

Enabling Industrial IoT

Low Loss (SLL200) Cable

SMA-Male To Reverse Polarity-SMA-Male

Dimensional Drawing



No.	Description	Quantity
1	SMA Male	1
2	Heat Shrink (Black)	1
3	SLL200 Coxial Cable	1
4	RP-SMA Male	1

Siretta

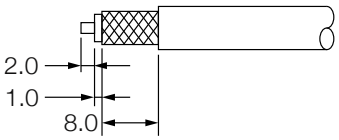
Enabling Industrial IoT

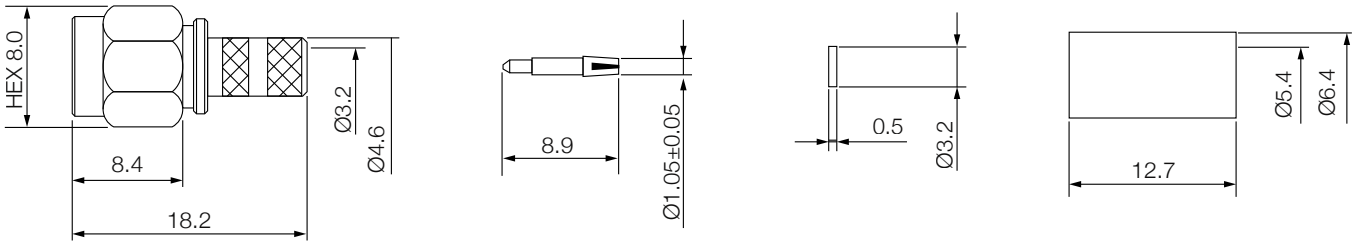
Low Loss (SLL200) Cable

SMA-Male To Reverse Polarity-SMA-Male

SMA-Male Detailed Drawing

RECOMMENDED STRIP LENGTHS





No.	Description	Material	Finish	Quantity
1	Body	Brass	Nickel	1
2	Pin	Be.Cu	Gold	1
3	Insulator A	Teflon	None	1
4	Gasket	Silicone Rubber	None	1
5	Inner Retaining Ring	Be.Cu	None	1
6	Ferrule	Brass	Gold	1
7	Insulator B	Teflon	Nickel	1

Siretta

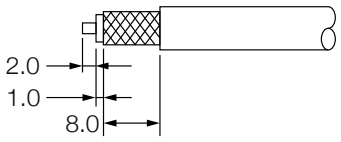
Enabling Industrial IoT

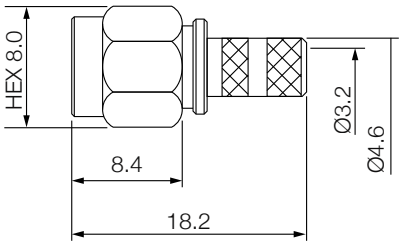
Low Loss (SLL200) Cable

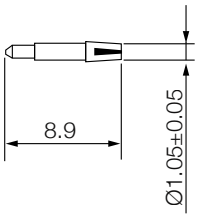
SMA-Male To Reverse Polarity-SMA-Male

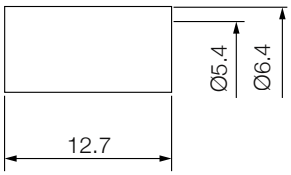
Reverse Polarity-SMA-Male Detailed Drawing

RECOMMENDED STRIP LENGTHS









No.	Description	Material	Finish	Quantity
1	Body	Brass	Nickel	1
2	Pin	Be.Cu	Gold	1
3	Insulator A	Teflon	None	1
4	Gasket	Silicone Rubber	None	1
5	Inner Retaining Ring	Be.Cu	None	1
6	Ferrule	Brass	Gold	1

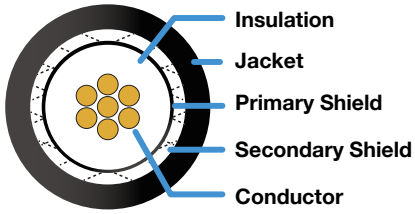
Siretta

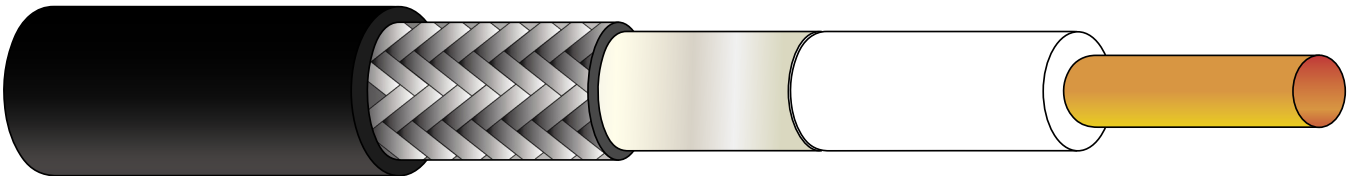
Enabling Industrial IoT

Low Loss (SLL200) Cable

SMA-Male To Reverse Polarity-SMA-Male

SLL200 Coaxial Cable Specification





Jacket	Secondary Shield	Primary Shield	Insulation	Conductor
Material PE	Material Tinned copper wire braid	Material Bonded Aluminium Foil	Material FEP	Material Bare copper
Colour Black	Average Thickness 0.295 mm	Average Thickness 0.06 mm	Average Thickness 0.22 mm	Diameter 1.12 mm
Average Thickness 0.645 mm	Coverage 90%		Colour White	
Diameter 4.95 mm	Diameter 3.66 mm	Diameter 3.07 mm	Diameter 2.95 mm	

Electrical Specifications

Impedance:	50±3 Ω
Return Loss:	> 20 dB
Screening Effectiveness:	> 90 dB
Capacitance:	80.3 pF/M
Velocity of Propagation	80.3%
Spark Test:	3 KV
Inner Conductor DCR:	17.6Ω
Outer Shield DCR:	16.1Ω
Voltage withstand:	1 KV

Siretta

Enabling Industrial IoT

Low Loss (SLL200) Cable

SMA-Male To Reverse Polarity-SMA-Male

Physical Specifications

Operating Temperature range:	-40°C ~ +85°C
Storage Temperature range:	-40°C ~ +85°C

Attenuation (across frequency)

Frequency (MHz)	30	50	150	450	900	1500	1800	2000	2500	5800
dB/1m	0.058	0.075	0.131	0.228	0.326	0.424	0.466	0.493	0.554	0.865
dB/ft	0.018	0.023	0.040	0.069	0.099	0.129	0.142	0.150	0.169	0.264