Siretta

Enabling Industrial IoT

Low Loss (SLL200) Cable

QMA-Male To SMA-Male

QMA Male | SMA Male | 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: QMA Male Straight
- Connector 2: SMA Male Straight
- Low Loss (SLL200) Coxial Cable
- Impedance: 50Ω
- Lengths: 1M / 5M /10M/ 15M / 20M
- Suggested Working Frequency: DC to 6GHz

Typical Applications

- Low Loss RF cable for cellular routers, IoT devices, and lab testing.
- Quick-lock connectors with low-loss design for reliable performance and easy handling
- IoT, communications, and modular RF system, Wi-Fi/Bluetooth Devices and Medical Devices.

Environmental Specifications

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

Ordering Details:

Part Number	Description
ASMQM100A058L11	QMA(M) to SMA(M) 1 M Low Loss (SLL200) Cable
ASMQM500A058L11	QMA(M) to SMA(M) 5 M Low Loss (SLL200) Cable
ASMQM1000A058L11	QMA(M) to SMA(M) 10 M Low Loss (SLL200) Cable
ASMQM1500A058L11	QMA(M) to SMA(M) 15 M Low Loss (SLL200) Cable
ASMQM2000A058L11	QMA(M) to SMA(M) 20 M Low Loss (SLL200) Cable

***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*

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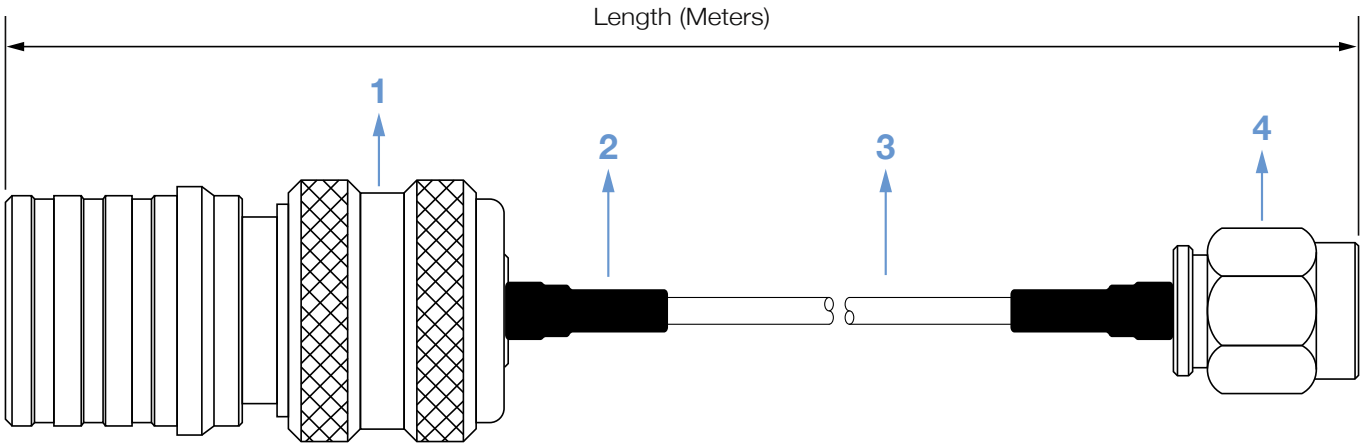
Dimensional Drawing



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

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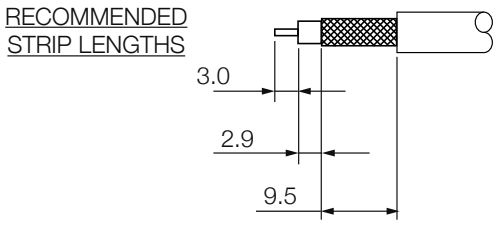
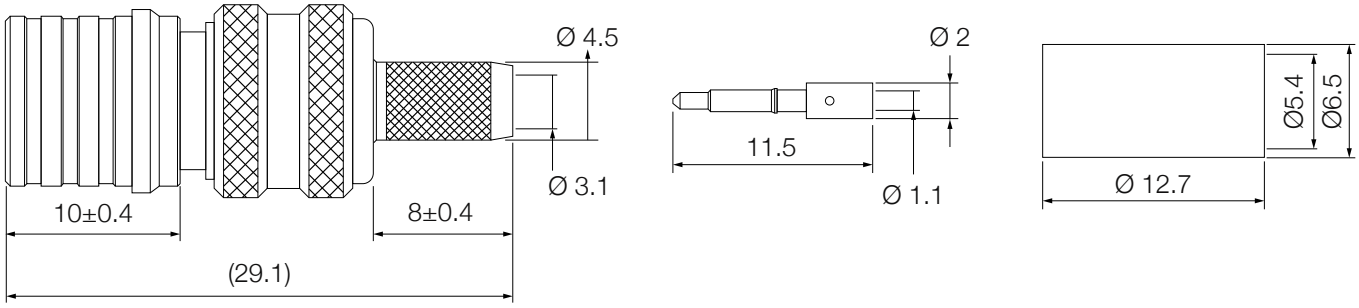
QMA-Male To SMA-Male

QMA-Male Detailed Drawing





No.	Description	Material	Finish	Quantity
1	Shell	Brass	Nickel	1
2	Body A	Brass	Nickel	1
3	Body B	Brass	Nickel	1
4	Insulator	Teflon	None	1
5	Body C	Brass	Nickel	1
6	Body D	Brass	Nickel	1
7	Center Pin	Brass	Gold	1
8	Ferrule	Brass	Nickel	1
9	O-ring	Silicone Rubber	Red	1

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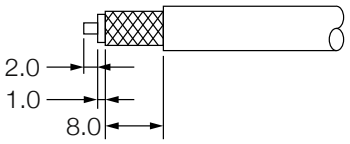
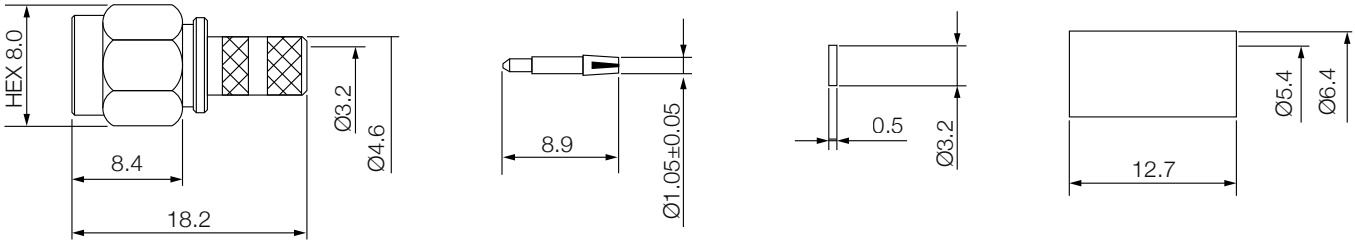
SMA-Male Detailed Drawing

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

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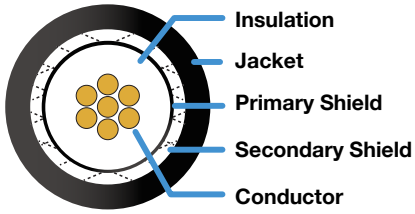
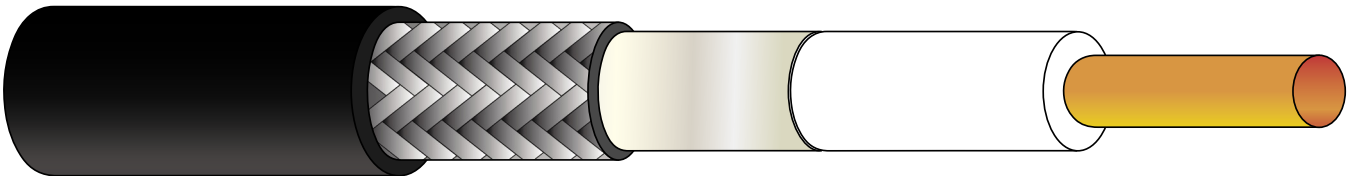
SLL200 Coaxial Cable Specification





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

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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..28	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