Siretta

Enabling Industrial IoT

Low Loss (SLL200) Cable

Reverse Polarity-SMA-Male to N-Type-Male



RP SMAM | N-TYPE Male | GNSS | BLE Bluetooth | ZB Zigbee

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

Key Features

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

Typical Applications

- RF Patch Cable with SMA(M) Reverse Polarity and N-Type Male
- 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
ASMC100R058L13	RP-SMA(M) to N-TYPE(M) 1 M Low Loss (SLL200) Cable Assembly
ASMC200R058L13	RP-SMA(M) to N-TYPE(M) 2 M Low Loss (SLL200) Cable Assembly
ASMC300R058L13	RP-SMA(M) to N-TYPE(M) 3 M Low Loss (SLL200) Cable Assembly
ASMC500R058L13	RP-SMA(M) to N-TYPE(M) 5 M Low Loss (SLL200) Cable Assembly
ASMC1000R058L13	RP-SMA(M) to N-TYPE(M) 10 M Low Loss (SLL200) Cable Assembly
ASMC1500R058L13	RP-SMA(M) to N-TYPE(M) 15 M Low Loss (SLL200) Cable Assembly
ASMC2000R058L13	RP-SMA(M) to N-TYPE(M) 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*

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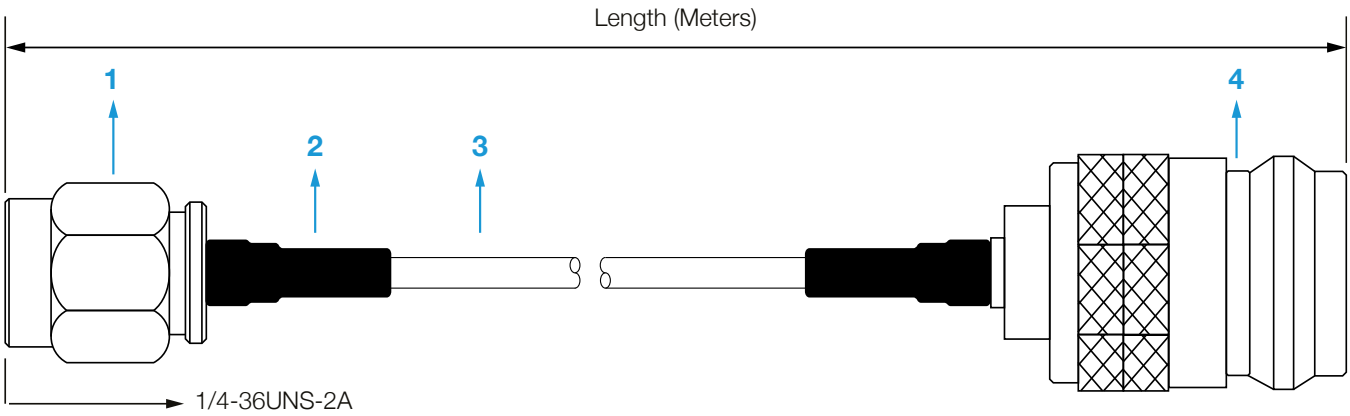
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Dimensional Drawing



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

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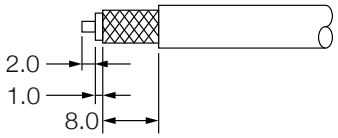
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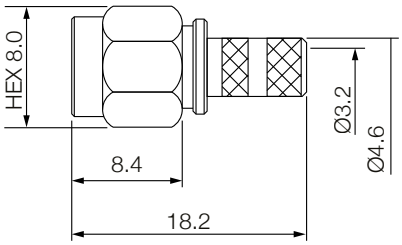
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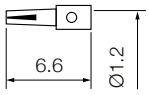
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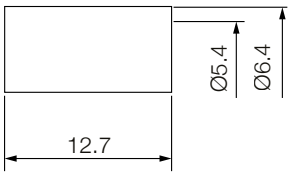
Reverse Polarity-SMA-Male Detailed Drawing

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

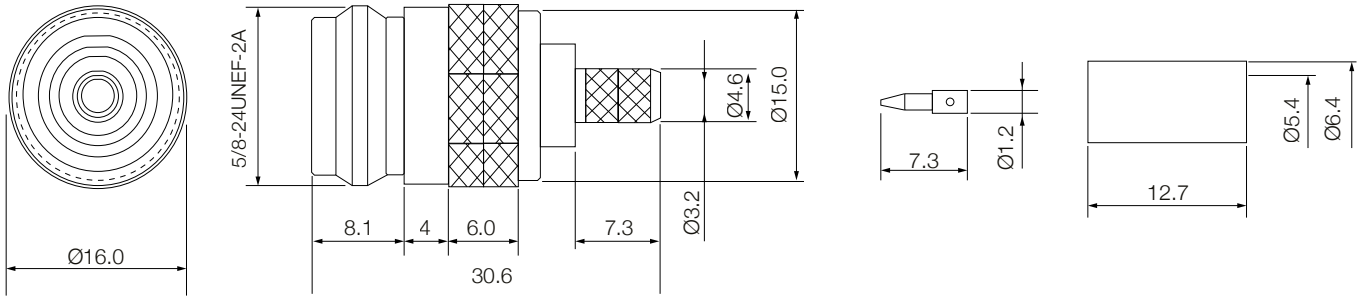
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Reverse Polarity-SMA-Male to N-Type-Male

N-TYPE-Male Detailed Drawing



No.	Description	Material	Finish	Quantity
1	Body	Brass	Nickel	1
	Insulator	Teflon	None	1
	Center Pin	P.Bronze	Gold	1
2	Pin	Brass	Gold	1
3	Ferrule	Brass	Nickel	1

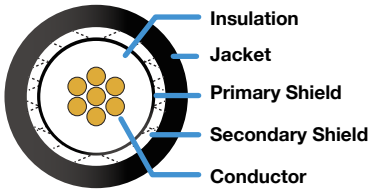
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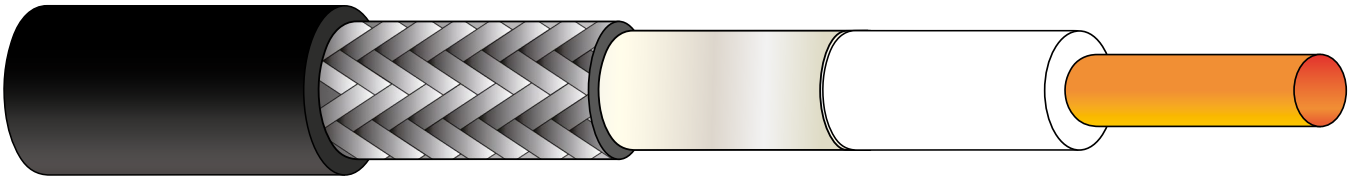
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SLL200 Coaxial Cable Specification





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/km
Outer Shield DCR:	16.1Ω/km
Voltage withstand:	1 KV

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Physical Specifications

Operating Temperature Range:	-40°C ~ +85°C
Storage Temperature Range:	-40°C ~ +85°C
One Time Min, Bending Radius:	12.7 mm
Repeated Bending Radius:	50.8 mm

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