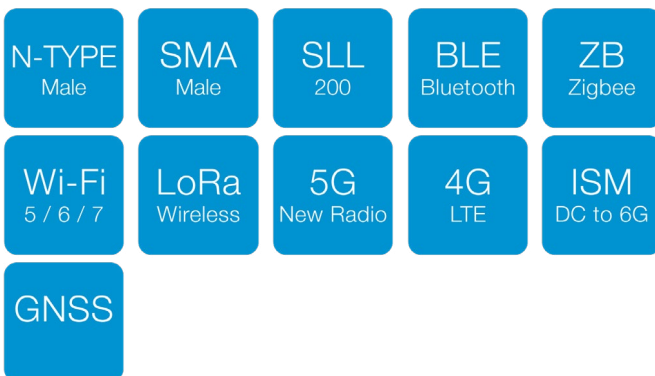


Low Loss (SLL200) Cable

N-TYPE-Male To SMA-Male



Key Features

- Connector 1: N-TYPE Male
- Connector 2: SMA Male
- Low Loss (SLL200) Coaxial Cable
- Impedance: 50Ω
- Lengths: 3M / 4 M / 5M /10M / 20M
- Suggested Working Frequency: DC to 6GHz

Typical Applications

- RF Patch Cable with N-TYPE(M) and SMA(M)
- 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:

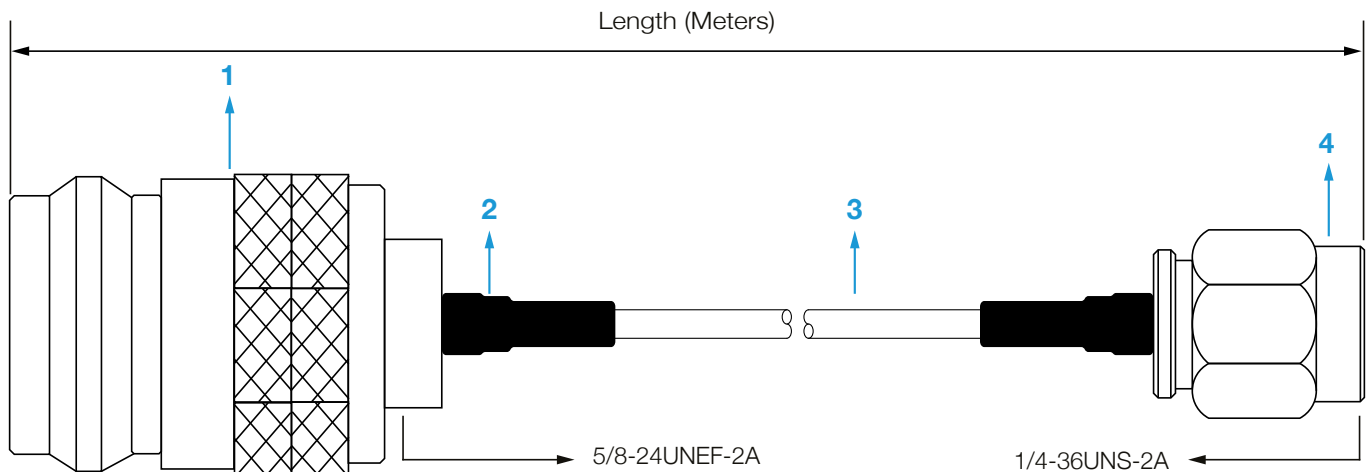
Part Number	Description
ASMA100R058L13	N-TYPE (M) to SMA(M) 1 M Low Loss (SLL200) Cable Assembly
ASMA300R058L13	N-TYPE (M) to SMA(M) 3 M Low Loss (SLL200) Cable Assembly
ASMA500R058L13	N-TYPE (M) to SMA(M) 5 M Low Loss (SLL200) Cable Assembly
ASMR1000A058L13	N-TYPE (M) to SMA(M) 10 M Low Loss (SLL200) Cable Assembly
ASMR1500A058L13	N-TYPE (M) to SMA(M) 15 M Low Loss (SLL200) Cable Assembly
ASMR2000A058L13	N-TYPE (M) to SMA(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

Low Loss (SLL200) Cable

N-TYPE-Male To SMA-Male

Dimensional Drawing

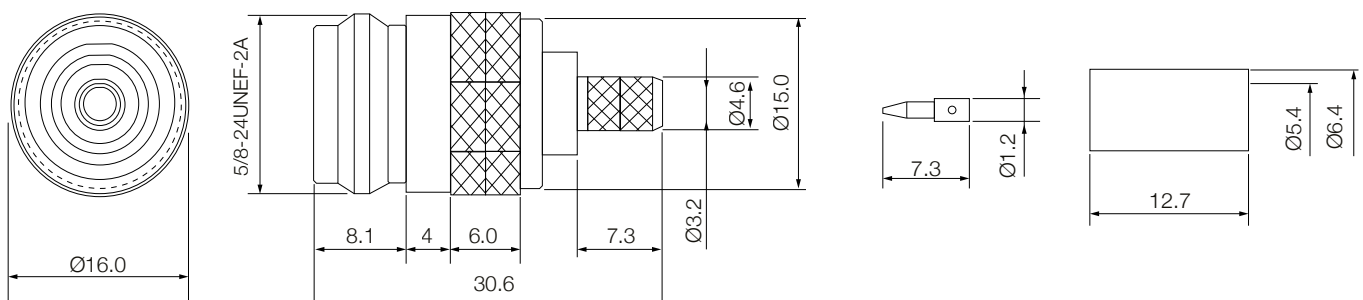


No.	Description	Quantity
1	N-TYPE Male	1
2	Heat Shrink (Black)	1
3	SLL200 Coaxial Cable	1
4	SMA Male	1

Low Loss (SLL200) Cable

N-TYPE-Male To SMA-Male

N-TYPE-Male Detailed Drawing

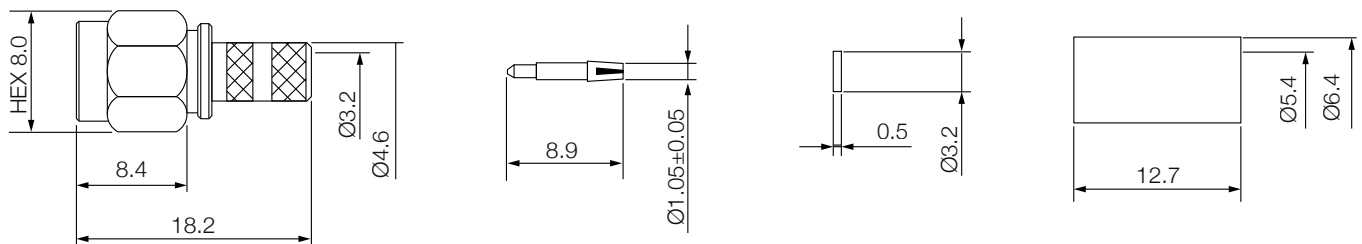


No.	Description	Material	Finish	Quantity
1	Body	Brass	Nickel	1
	Insulator	Teflon	None	1
	Center Pin	P.Bronze	Gold	1
2	Pin	Brass	Gold	1
3	Ferrule	Brass	Nickel	1

Low Loss (SLL200) Cable

N-TYPE-Male To SMA-Male

SMA-Male Detailed Drawing

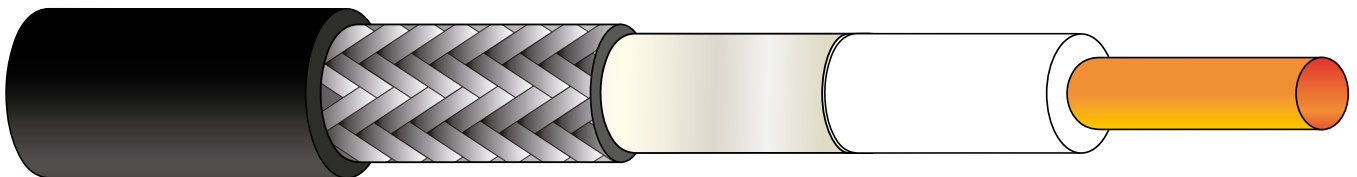
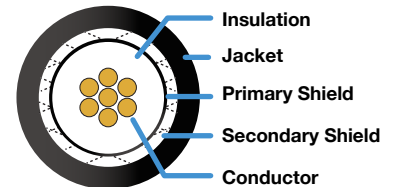


No.	Description	Material	Finish	Quantity
1	Body	Brass	Nickel	1
2	Pin	Be.Cu	Gold	1
3	Insulator A	Teflon	None	1
4	Gasket	Silicone Rubber	None	1
5	Inner Retaining Ring	Be.Cu	None	1
6	Ferrule	Brass	Gold	1
7	Insulator B	Teflon	Nickel	1

Low Loss (SLL200) Cable

N-TYPE-Male To 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/km
Outer Shield DCR:	16.1Ω/km

Low Loss (SLL200) Cable

N-TYPE-Male To SMA-Male

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