

# Low Loss Cable Assemblies [230 Series]

GigaLane's LL230 cable means *Flexible Low Loss cable*, which diameter is 0.23 inch and yields very low VSWR **up to 18GHz** and good reliability for the repeatable test environment.

## ■ LL230 Cable



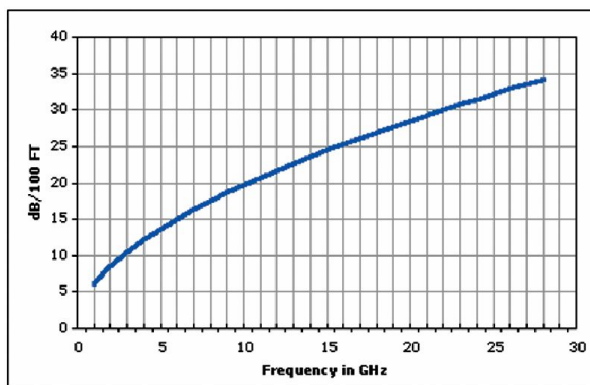
### LL230 Specification

Parameters	Values
Cable OD (mm)	5.84
Bend Radius (mm)	31.7
Weight (g/m)	68
<b>Max Frequency (GHz)</b>	<b>18</b>
Operating Temp (°C)	-65~135
Time Delay (ns/ft)	1.2
VP (%)	84
Cable OD with Armor (mm)	9.14
<b>VSWR</b>	<b>1.3</b>

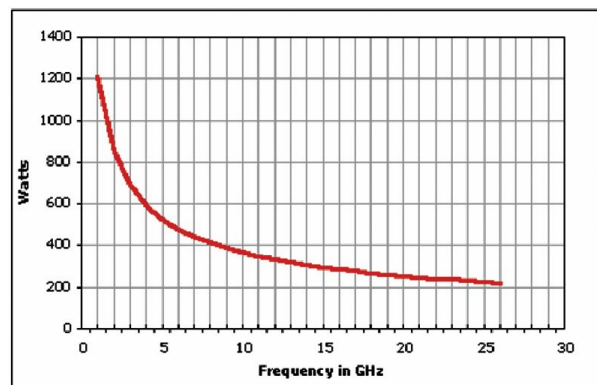
## ■ LA230 Cable (Armor Option)

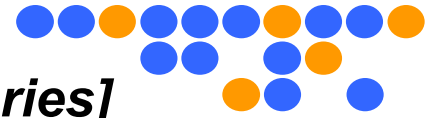


### LL230 Attenuation



### LL230 Power



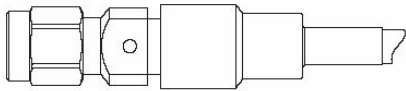


# Low Loss Cable Assemblies [230 Series]

## Available Connectors

SMA Straight Plug

Part No. SMS3



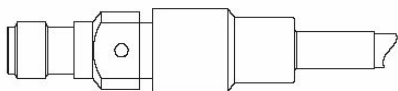
SMA Straight Plug (Armor)

Part No. SMS4



SMA Straight Jack

Part No. SFS3



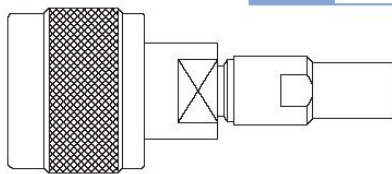
SMA Straight Jack (Armor)

Part No. SFS4



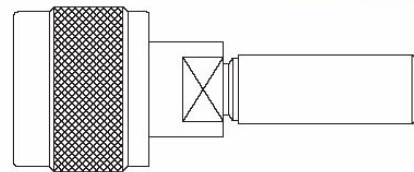
N Straight Jack

Part No. NMS3



N Straight Plug (Armor)

Part No. NMS4



## How To Order

**SMS3-LL230-SFS3-1m**

①      ②      ①      ③

### ① : Connector Select

- SMS3 : SMA + Male + Straight
- SMS4 : SMA + Male + Straight + Armor
- SFS3 : SMA + Female + Straight
- SFS4 : SMA + Female + Straight + Armor
- NMS3 : N + Male + Straight
- NMS4 : N + Male + Straight + Armor

### ② : Cable Select

- LL230
- LA230 (Armor)

### ③ : Length Select

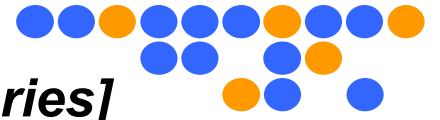
- 300mm
- 1m

### Part No. SMS3-LL230-SFS3-1m

1. SMA Male & SMA Female Connector
2. LL230 Cable
3. 1m Length

### Part No. NMS4-LA230-SMS4-2m

1. N-type Male & SMA Male Connector
2. LL230 Cable + Armor Option
3. 2m Length



# Low Loss Cable Assemblies [230 Series]

## ■ Application



Low Loss Application for Chamber, Test, Radar and so on.

## ■ Performance

SMS-LL230-SMS-1m

