

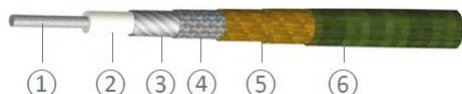
# Airborne Cable GLA210

www.gigalane.com

## ► Features and benefits

- Frequency ranges from DC to 18 GHz
- Hermetically sealed(vapor sealed)
- Compliance with MIL-T-81490
- Lightweight
- Anti rotation connector

## ► Cable Design



### Description

	Description	Diameter (mm)	
①	Center conductor	Silver-plated copper wire, Solid	-
②	Dielectric	Ultra Low density PTFE (taped)	-
③	Inner shield	Silver-plated copper tape	-
④	Outer shield	Silver-plated copper braid	-
⑤	Vapor layer	High temperature tape	-
⑥	Jacket	Extruded FEP	5.90

### Electrical

Impedance	50 Ω
Operating frequency	DC to 18 GHz
Capacitance	86 pF/m
Velocity of propagation	77 % nom.
Time delay	4.35 ns/m
RF leakage	<-100 dB
Dielectric constant	1.7

### Mechanical & Environmental

Minimum bend radius	29.2 mm
Weight	60 g/M
Temperature	-55°C to + 200°C

### Suitable Connectors

Cable Selection	Standard Connector selection								
		SMA type		N-type		TNCA-type		TNC-Type	
		Straight	R/A	Straight	R/A	Straight	R/A	Straight	R/A
GLA210	3	-	-	-	-	-	-	TMS401M	TMR401M
	18	-	-	-	-	TAMS420M	-	-	-