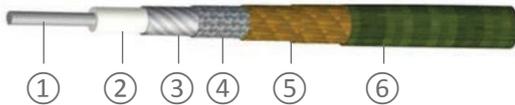


# GLA210 & GULA320 Cable

## ► 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	Diameter (mm)	
		GLA210	GULA320
① Center conductor	GLA210 : Silver-plated copper wire, Sold GULA320 : Silver-plated copper clad Aluminum	-	-
② Dielectric	GLA210 : Low density PTFE GULA320 : Ultra low density PTFE	-	-
③ Inner shield	Silver-plated copper tape	-	-
④ Outer shield	Silver-plated copper braid	-	-
⑤ Vapor layer	High temperature tape	-	-
⑥ Jacket	Nomex & Kevlar	5.90	8.00

### Electrical

	GLA210	GULA320
Impedance	50 Ω	50 Ω
Operating frequency	18 GHz	18 GHz
Capacitance	86 pF/m	78 pF/m
Velocity of propagation	77% nom.	84% nom.
Time delay	4.35 ns/m	3.95 ns/m
RF leakage (dB)	-100	-100
Dielectric constant	1.7	1.4

### Mechanical & Environmental

	GUL180C	
Minimum bend radius (mm)	29.2	44
Weight (g/m)	60	95
Temperature	-55°C to + 200 °C	-55°C to + 200°C

### Suitable Connectors

Cable selection		Standard Connector selection								Drawing Page
		SMA type		TNCA type		N type		TNC type		
P/N	Frequency	Straight	R/A	Straight	R/A	Straight	R/A	Straight	R/A	
GLA210	3 GHz	-	-	-	-	-	-	TMS401M	TMR401M	84p
	18 GHz	-	-	TAMS420M	-	-	-	-	-	84p
GULA320	3 GHz	-	-	TAMS403M TAFS401M (Jack, Bulkead)	TAFRA401M(45°)(Jack, Bulkead) TAFRA402M(90°)(Jack, Bulkead) TMR402M(45°) TAMRA401M(90°) TAMRA402M(90°) TAMRA403M(45°)	-	NAMRA401M	-	-	84p
	18 GHz	SMS401M	-	TAMS401M	-	-	-	-	-	84p