CABLE ASSEMBLY DATASH	IEET Gwave		
086 SERIES, SEMI-FLEX CAB 2.92MM(MALE)- 2.4MM(MA	BLE , GA712-202M24M-X		
2.92mm MALE	L 2.4mm		
el and Shrinking tube design depend on o	customer's request.		
Configuration			
Connector 1 Type	2.92mm Male		
Connector 1 Body Style	Straight		
Body Material and Plating	Passivated Staindless Steel		
Connector 1 Mount Method	None		
Connector 2 Type	2.4mm Male		
Connector 2 Body Style	Straight		
Body Material and Plating	Passivated Staindless Steel		
Connector 2 Mount Method	None		
Cable Type	GUT-085-Form-FEP		
Electrical Specificati			
Impedance	50 Ω		
Frequency	DC to 40GHz		
Return Loss/VSWR	1.44 to 40 GHz		
Phase Stability vs. Flexure	N/A		
Amplitude Stability	N/A		
	<-100dB @ 1GHz		
	<-100dB @ 1GHz		
Shielding Effectiveness			
Shielding Effectiveness Phase Matching	On Request		
Shielding Effectiveness Phase Matching Signal Delay	On Request On Request		
Shielding Effectiveness Phase Matching	On Request On Request 89Watt @ 3GHz at Sea Level,VSWR1.0		
Shielding Effectiveness Phase Matching Signal Delay Power Handling Environmental Data	On Request On Request 89Watt @ 3GHz at Sea Level,VSWR1.0		
Shielding Effectiveness Phase Matching Signal Delay Power Handling	On Request On Request 89Watt @ 3GHz at Sea Level,VSWR1.0		
Shielding Effectiveness Phase Matching Signal Delay Power Handling Environmental Data Temperature Range	On Request On Request 89Watt @ 3GHz at Sea Level,VSWR1.0 -40°C to +165°C Compliant Tel.: +86 10 62450051/52		

CABLE ASSEMBLY DATASHEET

086 SERIES, SEMI-FLEX CABLE , 2.92MM(MALE)- 2.4MM(MALE)

Gwave

GA712-292M24M-XXX

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Jacket	EPI205,Blue
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.54

Part Number List

Part Number Length [mm]	Longth [mm]	Insertion Loss ≤(dB)			
	3GHz	10GHz	18GHz	40G	
GA712-292M24M-1000	1000±15	1.33	2.71	3.65	6.92
GA712-292M24M-500	500±10	0.785	1.42	2.15	3.82
GA712-292M24M-300	300±10	0.53	0.96	1.49	2.56
GA712-292M24M-200	200±10	0.404	0.74	1.16	1.94
GA712-292M24M-100	100±10	0.27	0.52	0.83	1.32

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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