CABLE ASSEMBLY DATASHEET		Gwave				
086 SERIES, FLEXIBLE CABLE, GPPO(MINI-SMP)(FEMALE)- GPPO (FEMALE)		GA711-GPPWFGPPW	NF-XXX			
	GPPO Female	L I GPPO Female				
	Shrinking tube design depend on	customer's request.				
Conr	nector 1 Type	or 1 Type GPPO(Mini-SMP) Female				
	nector 1 Body Style	Right Angle				
	Material and Plating	CuBe Gold Plated				
Conr	nector 1 Mount Method	None				
Conr	nector 2 Type	GPPO(Mini-SMP) Female				
Conr	nector 2 Body Style	Right Angle				
Body	Material and Plating	CuBe Gold Plated				
Douy		None				
-	nector 2 Mount Method	None				
Conn	nector 2 Mount Method e Type	None 086 Series				
Conn		086 Series				
Conn Cable Elec	е Туре	086 Series				
Conn Cable Elec Impe	e Type ctrical Specification	086 Series				
Conn Cable Elec Impe Frequ	e Type ctrical Specification edance	086 Series S 50 Ω				
Conn Cable Elec Impe Frequ Retu	e Type ctrical Specification edance uency	086 Series S 50 Ω DC to 40 GHz				
Conn Cable Elec Impe Frequ Retu	e Type ctrical Specification edance uency rn Loss/VSWR	086 Series S 50 Ω DC to 40 GHz 10 dB to 40 GHz				
Conn Cable Elec Impe Frequ Retu Phas Ampl	e Type ctrical Specification edance uency rn Loss/VSWR e Stability vs. Flexure	086 Series S 50 Ω DC to 40 GHz 10 dB to 40 GHz N/A				
Conn Cable Elec Impe Frequ Retu Phas Ampl Shiel	e Type ctrical Specification edance uency rn Loss/VSWR e Stability vs. Flexure litude Stability	086 Series S 50 Ω DC to 40 GHz 10 dB to 40 GHz N/A				
Conn Cable Elec Impe Frequ Retu Phas Ampl Shiel Phas	e Type ctrical Specification edance uency rn Loss/VSWR e Stability vs. Flexure litude Stability ding Effectiveness	086 Series S 50 Ω DC to 40 GHz 10 dB to 40 GHz N/A N/A <-100dB @ 1GHz				
Conn Cable Elec Impe Frequ Retu Phas Ampl Shiel Phas Signa	e Type ctrical Specification edance uency rn Loss/VSWR e Stability vs. Flexure litude Stability ding Effectiveness e Matching	086 Series S 50 Ω DC to 40 GHz 10 dB to 40 GHz N/A N/A <-100dB @ 1GHz				
Conn Cable Elec Impe Frequ Retu Phas Ampl Shiel Phas Signa Powe	e Type ctrical Specification edance uency rn Loss/VSWR e Stability vs. Flexure litude Stability ding Effectiveness e Matching al Delay	086 Series S 50 Ω DC to 40 GHz 10 dB to 40 GHz N/A N/A <-100dB @ 1GHz				
Conn Cable Elec Impe Frequ Retu Phas Ampl Shiel Phas Signa Powe	e Type ctrical Specification edance uency rn Loss/VSWR e Stability vs. Flexure litude Stability ding Effectiveness e Matching al Delay er Handling	086 Series S 50 Ω DC to 40 GHz 10 dB to 40 GHz N/A N/A <-100dB @ 1GHz				
Conn Cable Elec Impe Frequ Retu Phas Ampl Shiel Phas Signa Powe	e Type ctrical Specification edance uency rn Loss/VSWR e Stability vs. Flexure litude Stability ding Effectiveness e Matching al Delay er Handling vironmental Data perature Range	086 SeriesS50 ΩDC to 40 GHz10 dB to 40 GHzN/AN/AOn requestOn Request89watt @ 3GHz at sea level,VSWR1.0				
Conn Cable Elec Impe Frequ Retu Phas Ampl Shiel Phas Signa Powe Env	e Type ctrical Specification edance uency rn Loss/VSWR e Stability vs. Flexure litude Stability ding Effectiveness e Matching al Delay er Handling rironmental Data perature Range 5	086 Series S 50 Ω DC to 40 GHz 10 dB to 40 GHz N/A N/A <-100dB @ 1GHz				

Gwave

086 SERIES, FLEXIBLE CABLE, GPPO(MINI-SMP)(FEMALE)- GPPO (FEMALE)

GA711-GPPWFGPPWF-XXX

Cable Specifications

Center Conductor	Silver plated copper	
Dielectric	Solid extruded PTFE	
Jacket	None	
Capacitance(pF/m)	94	
Velocity of propagation(%)	70	
Min. bending radius(mm)	6	
Jacket Diameter(mm)	2.2	

Part Number List

Dart Number	Length [mm]	Insertion Loss ≤(dB)			
Part Number		3GHz	10GHz	18GHz	40G
GA711-GPPWFGPPWF-1000	1000±10	1.33	2.71	3.65	6.92
GA711-GPPWFGPPWF-500	500±10	0.785	1.42	2.15	3.82
GA711-GPPWFGPPWF-300	300±10	0.53	0.96	1.49	2.56
GA711-GPPWFGPPWF-200	200±5	0.404	0.74	1.16	1.94
GA711-GPPWFGPPWF-100	100±5	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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