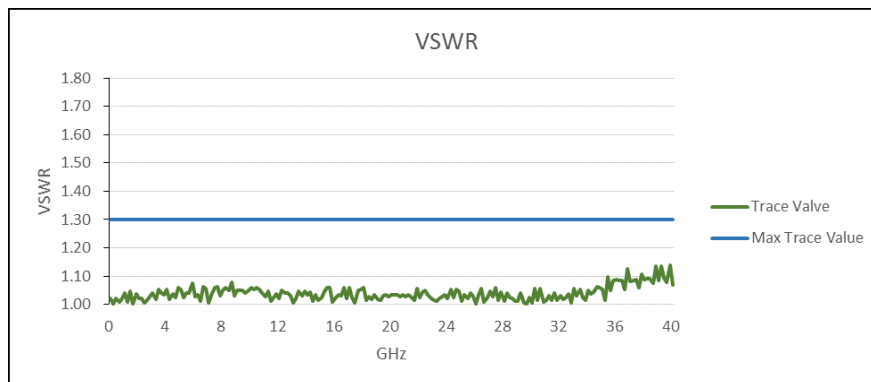


Low Loss Flexible Cable Assemblies



Arance's CAF series low loss flexible cable assemblies are unarmored. It is used for any high frequency signal transmission between systems or instruments where low loss and stability are critical. CAF series is available with a wide range of connectors offering excellent specifications. The unique small cable connectors are designed for end users who need high performance in a very small space. CAF series is also available with phase matching and armoring upon request.



* 60cm cable assembly

CAF Series—Low Loss Flexible Cable Assemblies



Connector Materials	
Body	Stainless Steel, Passivated / Au-plated Brass
Center Conductor	Au-plated Beryllium Copper
Environmental data	
Operating Temperature	-55°C~+125°C

Cable Descriptions	
Center Conductor	Ag-plated Cu
Dielectric	PTFE
Outer Conductor	Outer Conductor
Inner Braid	Ag-plated Copper Braid
Outer Jacket	PFA / FEP

CAF Series Selection Matrix

Cable Type	G6	G0	G7	G9	G4	J6	J7	J9	J4
Frequency (GHz)	≤70	≤50	≤40	≤26.5	≤18	≤67	≤40	≤26.5	≤18
Outer Dia.(mm)	2.2	3.1	3.6	4.8	7.4	2.2	3.6	5.1	7.4
Connectors	TNC			•				•	
	TNCA			•				•	
	7mm			•				•	
	N			•	•			•	•
	SMA			•	•	•		•	•
	SMA (short connector)	•		•			•	•	
	SMP(GPO)	•					•		
	SMPM (mini-SMP / GPPO)	•					•		
	3.5mm				•			•	
	2.92mm			•				•	
	2.92mm (short connector)	•					•		
	2.4mm		•	•				•	
	2.4mm (short connector)	•	•				•		
	1.85mm	•					•		
1.85mm (short connector)	•					•			

Armour Options

	
Armour Code : AS Monolayer Armour	Armour Code : RU Multilayer Armour
<p>AS series is the cable installed within a stainless steel interlocked armor in order to provide crush and pull forces resistance. It is used in production environments and outdoor applications.</p>	<p>RU series is more flexible while resists crush and pull forces. It is used in precision test applications where request phase and amplitude stability.</p>