Flexible Cable Asseblies

2.92mm

The Johnson™ 2.92mm Straight Plug - 2.92mm Straight Plug, 40 GHz Flexible Cable Assemblies allow connectivity in engineering lab and manufacturing environments for precision test and measurement applications.

Johnson 2.92mm Flexible Cable Assemblies are available in both imperial and metric lengths. Customized configurations available by request.

Features

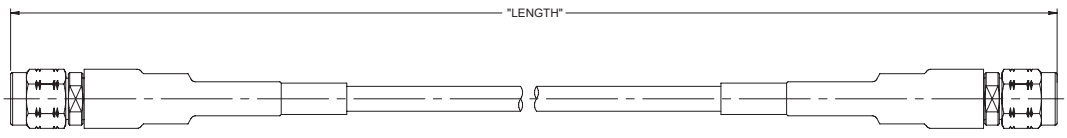
- Excellent operating performance to 40 GHz
- VSWR max of 1.25
- Vp, Velocity of Propagation of 76%

Applications

- Test & Measurement equipment
- Manufacturing lab
- LAN router
- WAN system equipment

2.92mm Straight Plug to 2.92mm Straight Plug

Part Number	Cable Length		Cable Type	Tolerance	Insertion Loss (Max dB)		VSWR (Max)
					20 GHz	40 GHz	40 GHz
415-0210-MM100	-	100 mm	HP160S	±4	<-0.98dB	<-1.69dB	1.25
415-0210-006	6 inch	-	HP160S	±0.157	<-0.77dB	<-1.37dB	1.25
415-0210-MM200	-	200 mm	HP160S	±5	<-1.53dB	<-2.50dB	1.25
415-0210-012	12 inch	-	HP160S	±0.197	<-1.10dB	<-1.87dB	1.25
415-0210-018	18 inch		HP160S	±0.315	<-1.44dB	<-2.36dB	1.25
415-0210-MM500		500mm	HP160S	±10	<-1.53dB	<-2.50dB	1.25
415-0210-024	24 inch	-	HP160S	±0.590	<-1.77dB	<-2.86dB	1.25
415-0210-MM750		750mm	HP160S	±15	<-2.07dB	<-3.31dB	1.25
415-0210-036	36 inch	-	HP160S	±1.18	<-2.43dB	<-3.85dB	1.25
415-0210-M1.0	-	1000 mm	HP160S	±30	<-2.62dB	<-4.12dB	1.25



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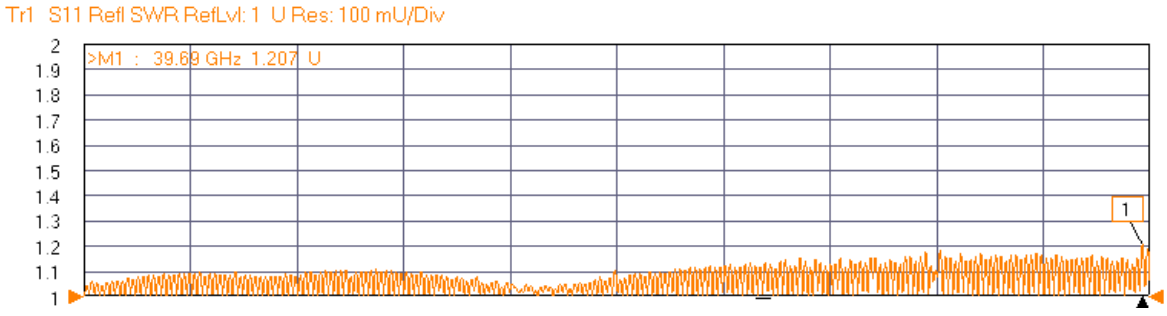
Please read our datasheet & drawing disclaimer here.

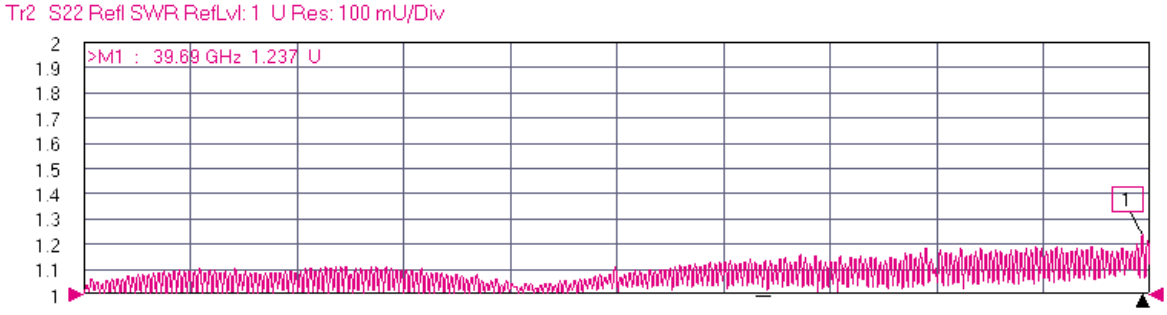
2.92mm 40 GHz Flexible Cable Assemblies

S-Parameter Data / Graphs – Typical Cable Assembly Performance

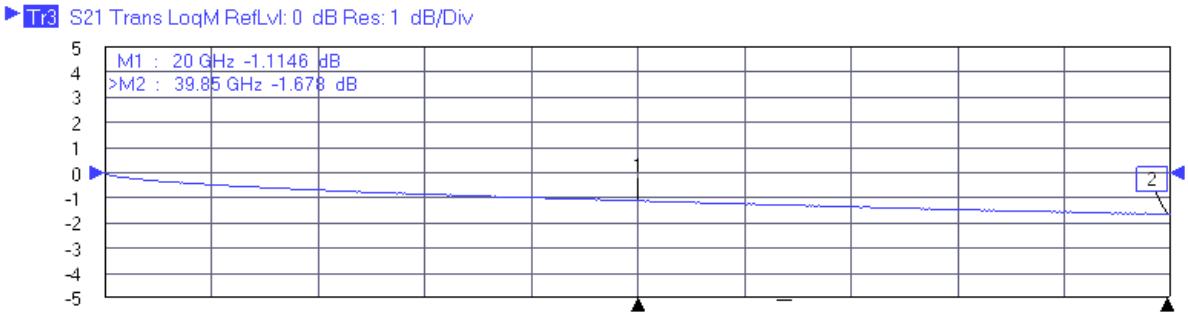
Typical VSWR (S11)



(S22)



Typical Insertion Loss/ Attenuation (S21)



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