



高性能精密型测试组件简介 High performance precise test components

富士达公司毫米波电缆组件系列产品频率范围为 DC~50GHz，所采用连接器包括 SMP 系列、2.92 系列、2.4 系列等。毫米波电缆组件包括接半钢、半柔电缆及接柔性电缆等。

Forstar millimeter wave cable components series frequency range of DC ~ 50GHz, the connector used by the SMP series, 2.92 series, 2.4 series. Millimeter-wave cable assemblies include semi-steel, semi-flexible cables and flexible cables.

半钢电缆组件具有屏蔽效率高，能够弯曲成各种形状，容易固定。可以用在恶劣环境中的特点。常用电缆有 times 50086、50141、M/A UT120, EZ.118 等等。SFT50-2-1 等半刚性电缆也可以应用于毫米波段。

Semi-steel cable assemblies have a high shielding efficiency, can be bent into various shapes, easy to fix. Can be used in harsh environments. Commonly used cables have times 50086, 50141, M / A UT120, EZ.118 and so on. SFT50-2-1 and other semi-rigid cable can also be applied to the millimeter-band.

富士达电缆公司能够生产频率到 40GHz 的低损耗半钢电缆，型号为 FSR120.这种电缆尤其适合配接 2.92 型连接器。Forstar Cable is able to produce low-loss half-steel cables up to 40GHz, model FSR120. This cable is especially suitable for connector type 2.92 connectors.

柔性电缆具有柔软、可以重复弯曲，低损耗，电性能优越等特点。常用电缆有 M/A UFB125、UFB142, GORE 3506、3500/3507, IW1501、王 401、SEMFLEX HP 120, ASTROLAB32022 等等。

Forstar cable with soft, can be repeated bending, low loss, superior electrical performance and so on. Common cables are M / A UFB125, UFB142, GORE 3506, 3500/3507, IW1501, King 401, SEMFLEX HP 120, ASTROLAB32022 and so on.

常用电缆基本性能指标

Common cable basic performance indicators

电缆型号 Cable types	典型衰减 typical attenuation dB/m					
	1GHz	18GHz	26.5GHz	30GHz	40GHz	50GHz
Astrolab32022	0.39	1.77	2.10	2.28	2.63	-
IW1501	0.33	1.60	1.97	2.12	2.46	-
GORE3506	0.64	2.87	3.48	3.70	4.28	4.78
GORE3500	0.49	2.08	2.52	2.69	3.10	-
GORE3507	0.39	1.66	2.00	2.14	2.47	-
MICRO-COAX-UFB142A	0.36	1.08	1.48	1.81	2.23	-
MICRO-COAX-UFA125A	0.49	1.61	2.23	2.76	3.48	3.97
MICRO-COAX-UFA147A	0.39	1.31	1.81	2.23	2.85	-
Semiflex-HP120S	0.52	2.47	3.08	3.32	3.94	4.50
Semiflex-HP160S	0.40	1.86	2.32	2.48	2.93	-
H&S-SUCOFLEX-101-PE	0.67	3.25	4.09	4.41	5.26	6.04
H&S-SUCOFLEX-102	0.42	1.87	2.30	2.46	2.89	3.12dB@4 6GHz
H&S-EZ-118-TP	0.39	1.75	2.17	2.32	2.72	-
FORSTAR-FRS120	0.36	1.65	2.04	2.23	2.56	-



常用电缆典型衰减值

Commonly used cable typical attenuation value

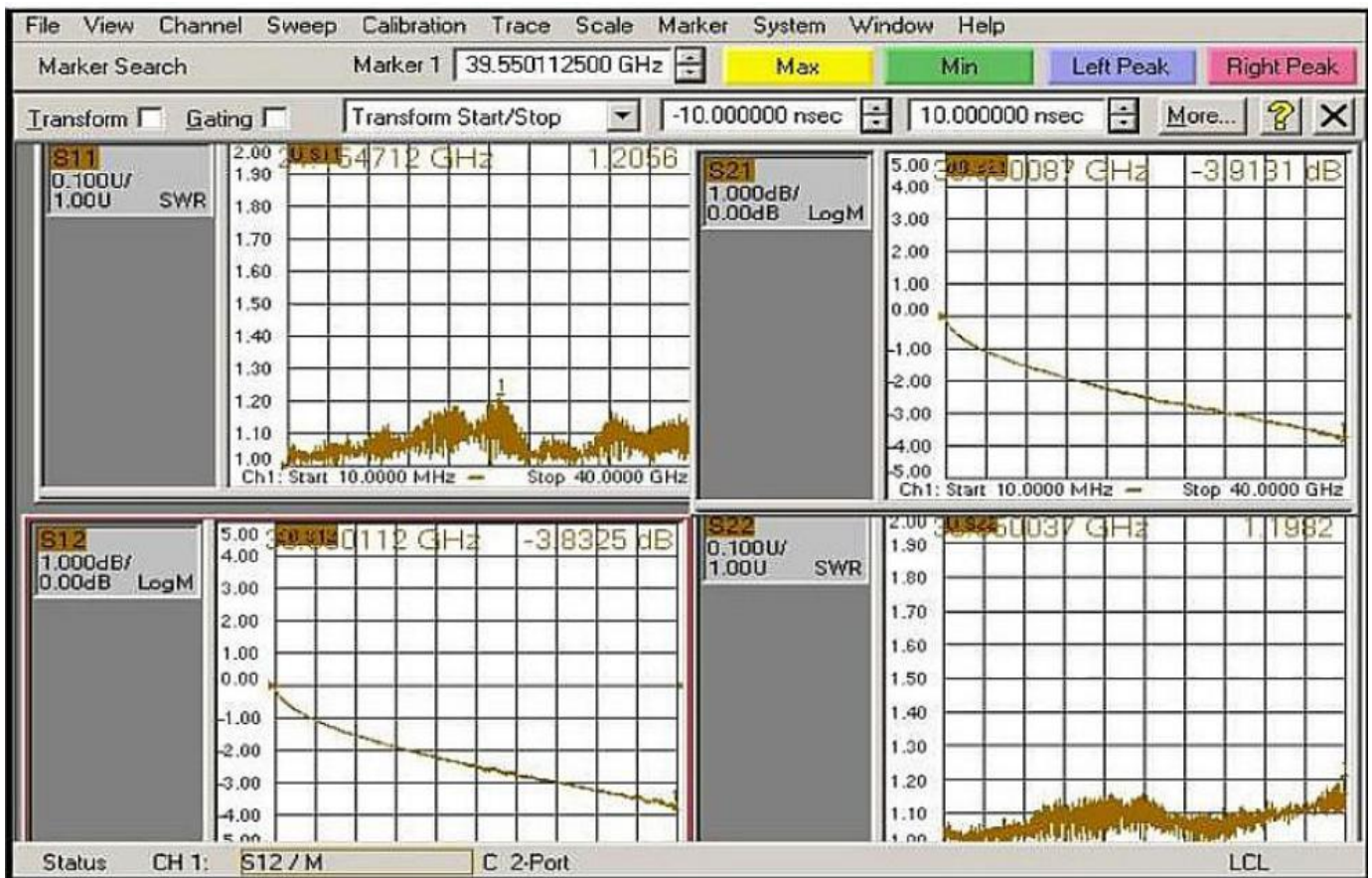
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产品典型测试曲线
Product Typical Test Curve

以 2.92-J710G/2.92-J710G-1300-150710 为例，典型测试曲线如下图：

To 2.92-J710G / 2.92-J710G-1300-150710, for example, the typical test curve as follows:





以 2.92-J721BG/2.92-J721BG-1000-150721 为例，典型测试曲线如下图：

To 2.92-J721BG/2.92-J721BG-1000-150721, for example, the typical test curve as follows:

