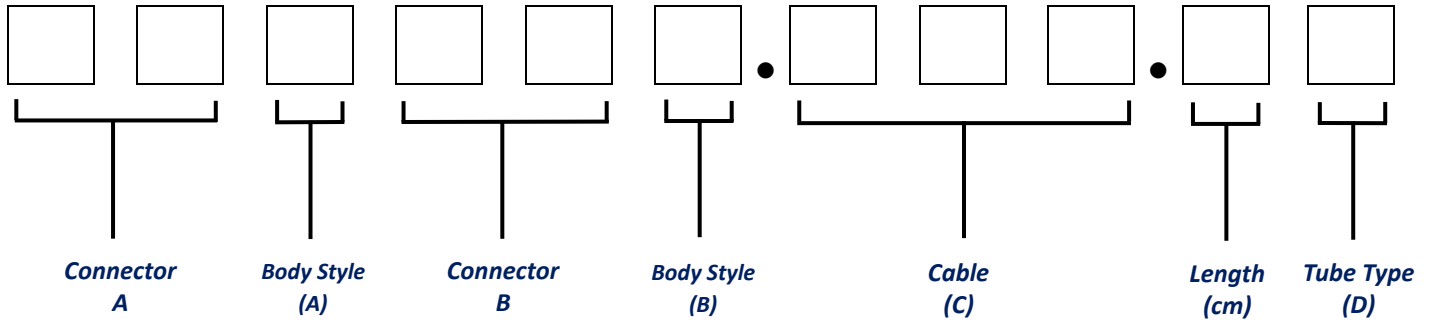


## STANDARD COAXIAL CABLE ASSEMBLIES

MVE standard coaxial cable can provide not only inexpensive cost but also a lot of variety models to meet your needs. The overall diameter of flexible series is including, 2.59mm(RG316) , 2.93mm(RG316 Double Shielding), 0.085inch(F085/SS405), 0.141inch(F141/SS402); Semi-flex series are including: 0.085 inch(SF085/RG405), 0.141inch(SF141/RG402); Semi-rigid series are including: 0.034inch(SR034), 0.047 inch(SR047);0.085 inch(SR085); 0.141inch (SR141). In the meantime, MVE can offer customized services and support the optimization of cable assembly. With MVE service, customize product to let user easy to install. MVE is aimed to provide a wide range of performance coaxial cable for various demands.



| No | Conn. A/B   |
|----|-------------|
| 10 | 1.85mm-M    |
| 11 | 1.85mm-F    |
| 12 | 2.4mm-M     |
| 13 | 2.4mm-F     |
| 14 | 2.9mm-M     |
| 15 | 2.9mm-F     |
| 16 | 3.5mm-M     |
| 17 | 3.5mm-F     |
| 18 | APC7-M      |
| 19 | APC7-F      |
| 20 | BNC-M       |
| 21 | BNC-F       |
| 22 | MCX-M       |
| 23 | MCX-F       |
| 24 | MMCX-M      |
| 25 | MMCX-F      |
| 26 | N-M         |
| 27 | N-F         |
| 28 | SMA-M       |
| 29 | SMA-F       |
| 30 | SSMA-M      |
| 31 | SSMA-F      |
| 32 | TNC-M       |
| 33 | TNC-F       |
| 34 | MHF202781-M |

| No | Conn. A/B   |
|----|-------------|
| 35 | 75ΩBNC-M    |
| 36 | 75ΩBNC-F    |
| 37 | MHF20311-M  |
| 38 | 75ΩF-M      |
| 39 | 75ΩF-F      |
| 40 | MHF20367-M  |
| 41 | MHF20448-M  |
| 42 | 75ΩN-M      |
| 43 | 75ΩN-F      |
| 44 | 75ΩSMB-M    |
| 45 | 75ΩSMB-F    |
| 46 | MS147-M     |
| 47 | MM8430-M    |
| 48 | SMP-F       |
| 49 | MHF20428-M  |
| 50 | SMB-F       |
| 51 | SMB-M       |
| 52 | UHF-F       |
| 53 | UHF-M       |
| 54 | Fakra SMB-M |
| 55 | Fakra SMB-F |
| 56 | MM8030-M    |
| 57 | 7/16DIN-M   |
| 58 | MS180-M     |
| 59 | MS162-M     |

| No | Conn. A/B              |
|----|------------------------|
| 60 | CRC9-M                 |
| 61 | MS162-M                |
| 62 | SSMCX-M                |
| 63 | SMPM-M                 |
| 64 | FAKRA-M                |
| 65 | TS9A-M                 |
| 66 | MS156C-M               |
| 67 | MHF20567-M             |
| 68 | MS156-M                |
| 69 | MM8930-M               |
| No | Body Style             |
| 0  | Standard               |
| 1  | Reverse                |
| 2  | Right angle            |
| 3  | Quick                  |
| 4  | RP-Right angle         |
| 5  | RP-Quick               |
| 6  | Bulkhead               |
| 7  | Opposite Direction R/A |
| 8  | 2Hole Flange           |
| 9  | RP-Bulkhead            |
| A  | Quick/No hex           |
| B  | 4Hole Flange           |

| No      | Coaxial Cables ©    |
|---------|---------------------|
| 6       | RG-6(U)             |
| 58      | RG58(U)             |
| 59      | RG59                |
| 081     | Mini-coaxial 0.81mm |
| 113     | Mini-coaxial 1.13mm |
| 137     | Mini-coaxial 1.37mm |
| 142     | RG-142              |
| 174     | RG-174              |
| 178     | RG-178              |
| 214     | RG-214              |
| 316     | RG-316              |
| 316D    | RG-316 Doubt Shield |
| 400     | RG-400              |
| F085    | SS405               |
| F141    | SS402               |
| SF085   | RG405               |
| SF141   | RG402               |
| SF085JB | RG405(Blue Jacket)  |
| SF141JB | RG402( Blue Jacket) |
| SPF085  | SFL405              |
| SPF141  | SFL402              |
| SR034   | Semi-rigid 034      |
| SR047   | Semi-rigid 047      |
| SR085   | Semi-rigid RG405    |
| SR141   | Semi-rigid RG402    |
| 200LL   | 200LL,LMR200        |
| 400LL   | 400L,CFD400,LMR400  |
| 600LL   | 600LL,LMR600        |
| 2CS     | AWG28 x2C           |
| 3CS     | AWG28 x3C           |

| Code(D)   | A            | B                         | C                  |
|-----------|--------------|---------------------------|--------------------|
| Tube Type | Brass Tubing | Double Heat-shrink Tubing | Rigid Glued Tubing |

# COAXIAL CABLE

## MCBL-F085.50

## MULTI-FLEXIBLE(SS405)

### Features

- ✓ Frequency up to 20GHz
- ✓ Excellent shielding effect
- ✓ Fully flexible for ease of installation
- ✓ Meet to Standard Mil-C-17



| CONSTRUCTION            |                    |                     |
|-------------------------|--------------------|---------------------|
| ITEM                    | MATERIAL           | DIAMETER            |
| CENTER CONDUCTOR        | SPCW               | 0.51 mm             |
| DIELECTRIC              | PTFE               | 1.63 mm             |
| INNER SHIELD            | SPCS               | 1.8 mm              |
| OUTER SHIELD            | SPC                | 2.18 mm             |
| JACKET                  | FEP(Blue)          | 2.64 mm             |
| ELECTRICAL DATA         |                    |                     |
| ITEM                    | SPECIFICATION      |                     |
| CUT-OFF FREQUENCY       | 20 GHz             |                     |
| IMPEDANCE               | 50 Ω               |                     |
| CAPACITANCE             | 96 pF/m            |                     |
| BENDIGN RADIU           | 6mm                |                     |
| TEST VOLTAGE            | 50000 Vrms @1Min   |                     |
| SHIELDING EFFECT        | >-100 dB           |                     |
| WORKING VOLTAGE         | 1,500 Vrms (MAX.)  |                     |
| MIN. BENDING RADIUS     | 6 mm ( Single )    |                     |
| VELOCITY OF PROPAGATION | 70.0 %             |                     |
| TEMPERTURE              | -55°C ~ +200°C     |                     |
| WEIGHT                  | 19.1 kg/Km         |                     |
| MAXIMUM ATTENUATION     |                    |                     |
| FREQUENCY               | ATTENUATION   dB/m | ATTENUATION   dB/ft |
| 1GHz                    | 0.75               | 0.229               |
| 3GHz                    | 1.29               | 0.393               |
| 5GHz                    | 1.71               | 0.521               |
| 10GHz                   | 2.56               | 0.780               |
| 18GHz                   | 3.57               | 1.088               |
| 20GHz                   | 3.80               | 1.158               |



#### NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY



## Cable Assembly Part Number

| MVE PART NUMBER      | CONNECTOR 1    | CONNECTOR 2         | XX- LENGTH<br>(cm)      | FREQUENCY<br>(GHz) | VSWR<br>(TYP.) |
|----------------------|----------------|---------------------|-------------------------|--------------------|----------------|
| 220222.F085.XX       | MCX Male S/T   | MCX Male R/A        | 15, 30, 50, 60, 90, 100 | 6.0                | 1.35           |
| 222222.F085.XX       | MCX Male R/A   | MCX Male R/A        | 15, 30, 50, 60, 90, 100 | 6.0                | 1.35           |
| 240242.F085.XX       | MMCX Male S/T  | MMCX Male R/A       | 15 ,30, 50, 60, 90, 100 | 6.0                | 1.35           |
| 240250.F085.XX       | MMCX Male S/T  | MMCX Female S/T     | 15 ,30, 50, 60, 90, 100 | 6.0                | 1.30           |
| 240280.F085.XX       | MMCX Male S/T  | SMA Male S/T        | 15 ,30, 50, 60, 90, 100 | 6.0                | 1.30           |
| 240280.F085.XX-8G    | MMCX Male S/T  | SMA Male S/T        | 15 ,30, 50, 60, 90, 100 | 8.0                | 1.40           |
| 240283.F085.XX-8G    | MMCX Male S/T  | SMA Male Quick      | 15 ,30, 50, 60, 90, 100 | 8.0                | 1.45           |
| 240290.F085.XX       | MMCX Male S/T  | SMA Female S/T      | 15 ,30, 50, 60, 90, 100 | 6.0                | 1.30           |
| 240290.F085.XX-8G    | MMCX Male S/T  | SMA Female S/T      | 15 ,30, 50, 60, 90, 100 | 8.0                | 1.45           |
| 242250.F085.XX       | MMCX Male R/A  | MMCX Female S/T     | 15 ,30, 50, 60, 90, 100 | 6.0                | 1.30           |
| 242280.F085.XX       | MMCX Male R/A  | SMA Male S/T        | 15, 30, 50, 60, 90, 100 | 6.0                | 1.30           |
| 242280.F085.XX-8G    | MMCX Male R/A  | SMA Male S/T        | 15, 30, 50, 60, 90, 100 | 8.0                | 1.45           |
| 242282.F085.XX       | MMCX Male R/A  | SMA Male R/A        | 15, 30, 50, 60, 90, 100 | 6.0                | 1.35           |
| 242290.F085.XX       | MMCX Male R/A  | SMA Female S/T      | 15, 30, 50, 60, 90, 100 | 6.0                | 1.30           |
| 242296.F085.XX       | MMCX Male R/A  | SMA Female B.H      | 15, 30, 50, 60, 90, 100 | 6.0                | 1.30           |
| 242296.F085.XX-8G    | MMCX Male R/A  | SMA Female B.H      | 15, 30, 50, 60, 90, 100 | 8.0                | 1.45           |
| 250280.F085.XX       | MMCX Female    | SMA Male S/T        | 15, 30, 50, 60, 90, 100 | 6.0                | 1.30           |
| 280280.F085.XX       | SMA Male S/T   | SMA Male S/T        | 30, 45, 50, 60, 90, 100 | 10.0               | 1.30           |
| 280280.F085.XX(H)    | SMA Male S/T   | SMA Male S/T        | 30, 45, 50, 60, 90, 100 | 18.0               | 1.35           |
| 280280.F085.XX(H3)   | SMA Male S/T   | SMA Male S/T        | 30, 45, 50, 60, 90, 100 | 18.0               | 1.40           |
| 280280.F085.XX(FC50) | SMA Male S/T   | SMA Male S/T        | 30, 45, 50, 60, 90, 100 | 10.0               | 1.30           |
| 280281.F085.XX       | SMA Male S/T   | SMA Male (RP) S/T   | 30, 45, 50, 60, 90, 100 | 6.0                | 1.30           |
| 280282.F085.XX       | SMA Male S/T   | SMA Male R/A        | 30, 45, 50, 60, 90, 100 | 6.0                | 1.30           |
| 280282.F085.XX-8G    | SMA Male S/T   | SMA Male R/A        | 30, 45, 50, 60, 90, 100 | 8.0                | 1.35           |
| 280283.F085.XX       | SMA Male S/T   | SMA Male Quick      | 30, 45, 50, 60, 90, 100 | 10.0               | 1.35           |
| 280290.F085.XX       | SMA Male S/T   | SMA Female S/T      | 30, 45, 50, 60, 90, 100 | 10.0               | 1.30           |
| 280291.F085.XX       | SMA Male S/T   | SMA Female (RP) S/T | 30, 45, 50, 60, 90, 100 | 10.0               | 1.30           |
| 280296.F085.XX       | SMA Male S/T   | SMA Female B.H      | 30, 45, 50, 60, 90, 100 | 10.0               | 1.35           |
| 282282.F085.XX       | SMA Male R/A   | SMA Male R/A        | 30, 45, 50, 60, 90, 100 | 6.0                | 1.30           |
| 282290.F085.XX       | SMA Male R/A   | SMA Female S/T      | 30, 45, 50, 60, 90, 100 | 8.0                | 1.35           |
| 290290.F085.XX(H3)   | SMA Female S/T | SMA Female S/T      | 30, 45, 50, 60, 90, 100 | 18.0               | 1.40           |
| 290482.F085.XX(H3)   | SMA Female S/T | SMP Female R/A      | 30, 45, 50, 60, 90, 100 | 12.4               | 1.40           |

## Cable Assembly Part Number

| MVE PART NUMBER    | CONNECTOR 1    | CONNECTOR 2       | XX- LENGTH<br>(cm)      | FREQUENCY<br>(GHz) | VSWR<br>(TYP.) |
|--------------------|----------------|-------------------|-------------------------|--------------------|----------------|
| 296S211.F085.XX    | SMA Female B.H | Stripped(2/1/1mm) | 15, 30, 50, 60, 90, 100 | 10                 | ---            |
| 342280.F085.XX     | MHF1           | SMA Male S/T      | 15, 30, 50, 60, 90, 100 | 8.0                | 1.50           |
| 342296.F085.XX     | MHF1           | SMA Female B.H    | 15, 30, 50, 60, 90, 100 | 8.0                | 1.50           |
| 480280.F085.XX(H)  | SMP Female S/T | SMA Male S/T      | 15, 30, 50, 60, 90, 100 | 18.0               | 1.40           |
| 480280.F085.XX(H3) | SMP Female S/T | SMA Male S/T      | 15, 30, 50, 60, 90, 100 | 18.0               | 1.40           |
| 480290.F085.XX(H3) | SMP Female S/T | SMA Female S/T    | 15, 30, 50, 60, 90, 100 | 12.4               | 1.40           |
| 480480.F085.XX     | SMP Female S/T | SMP Female S/T    | 15, 30, 50, 60, 90, 100 | 12.4               | 1.40           |
| 482482.F085.XX     | SMP Female R/A | SMP Female R/A    | 15, 30, 50, 60, 90, 100 | 6.0                | 1.40           |
| 482482.F085.XX-8G  | SMP Female R/A | SMP Female R/A    | 15, 30, 50, 60, 90, 100 | 8.0                | 1.40           |

### \*Definition of Length: " XX "

Length  $\leq 30\text{CM}$ , the length cable is referring to exclude two terminal length of connector.

Length  $> 30\text{CM}$ , the length cable is referring to include two terminal length of connector.

### \*\*Definition of Tolerance

Length  $\leq 10\text{cm}$ :  $\pm 0.5\text{cm}$  , Length  $\leq 30\text{cm}$ :  $\pm 1.0\text{ cm}$  , Length  $\leq 50\text{cm}$ :  $\pm 2.0\text{ cm}$  ,

Length  $\leq 100\text{cm}$ :  $\pm 2.5\text{ cm}$ , Length  $> 101\text{cm}$ :  $\pm 3.0\text{cm}$

### \*\*\*Estimate of Cable Assembly loss

Cable assembly loss =Connector loss + Assembly loss + Cable loss

Connector Loss:  $0.08 \times \sqrt{\text{Frequency}} \times 2$  ( 2 connectors)

Assembly Loss :  $0.12 \times 2(\text{sides})$

Cable Loss: per cable attenuation (Max.) \* Cable length

#### NOTES:

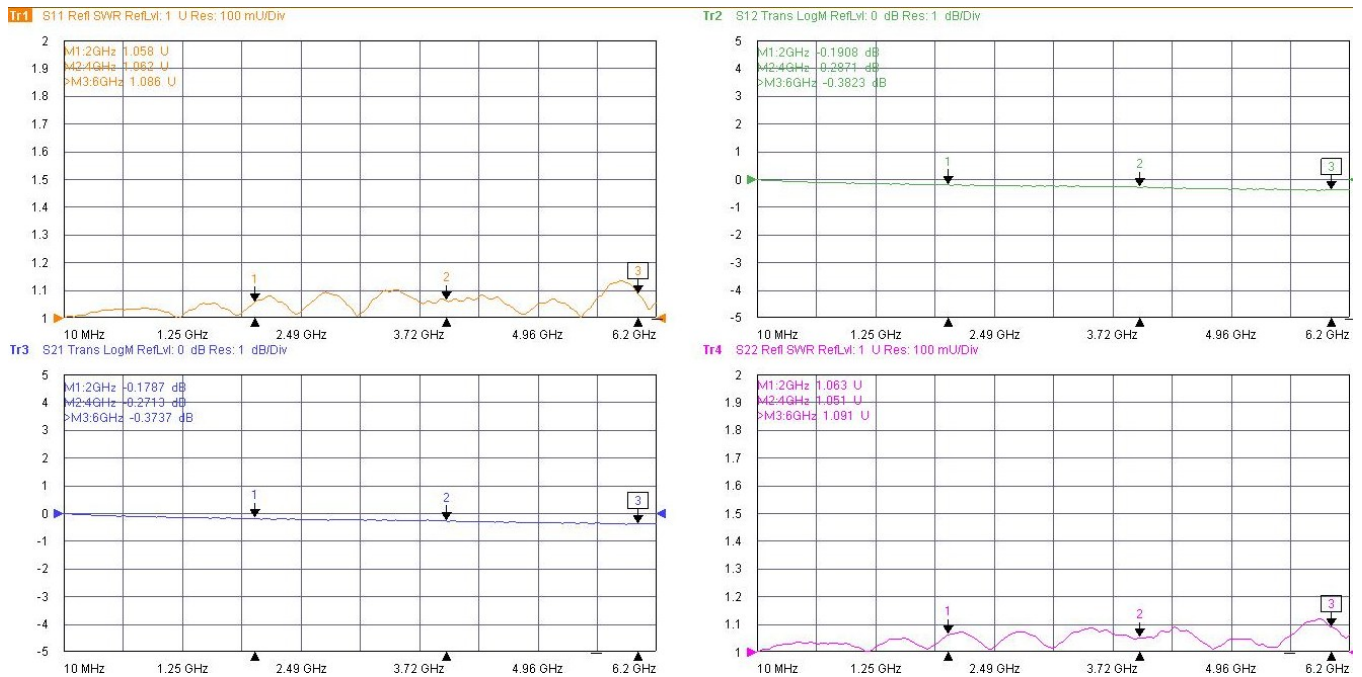
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME

2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY



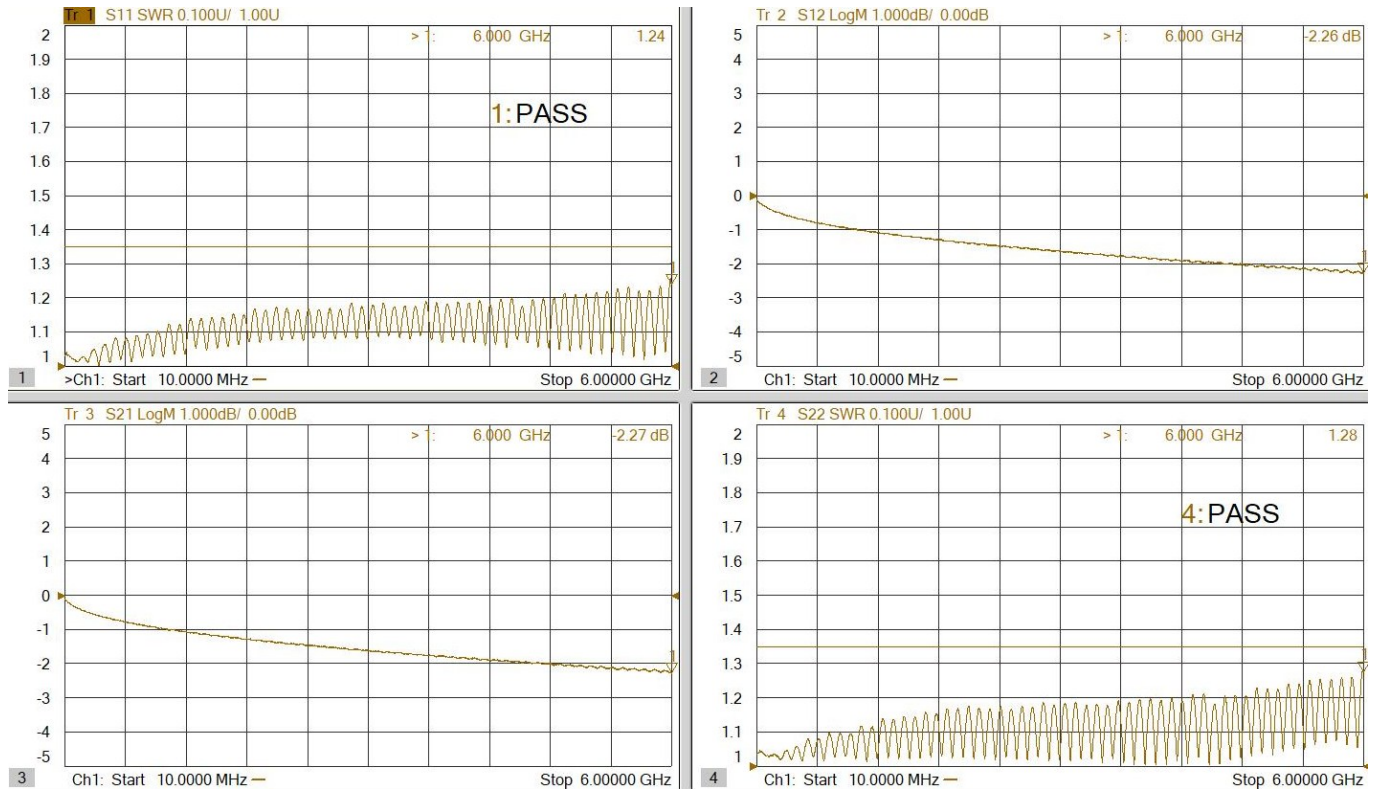
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                        |
|-----------------|--------------------------------------------------------------------|
| 222222.F085.12A | MCX Male R/A ToMCX Male R/A, Flexible 085 Blue/L:12cm/Brass Tubing |



## Typical Test Result

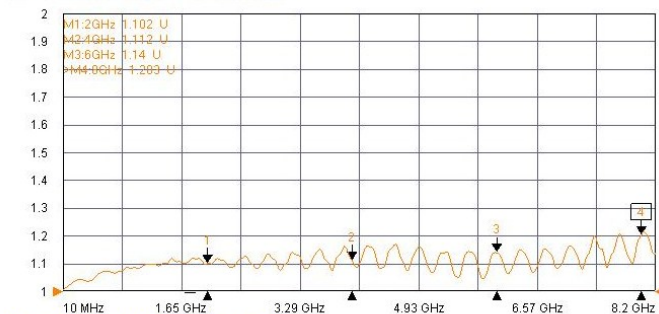
| PART NUMBER      | DESCRIPTION                                                        |
|------------------|--------------------------------------------------------------------|
| 240242.F085.100A | MMCX Male To MMCX Male R/A, Flexible 085 Blue/L:100cm/Brass Tubing |



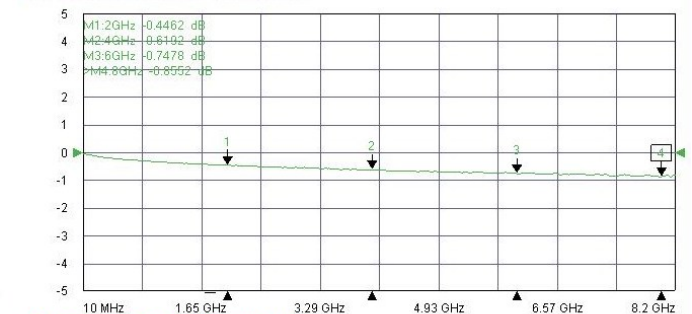
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                  |
|-----------------|--------------------------------------------------------------|
| 240280.F085.30A | MMCX Male To SMA Male, Flexible 085 Blue/L:30cm/Brass Tubing |

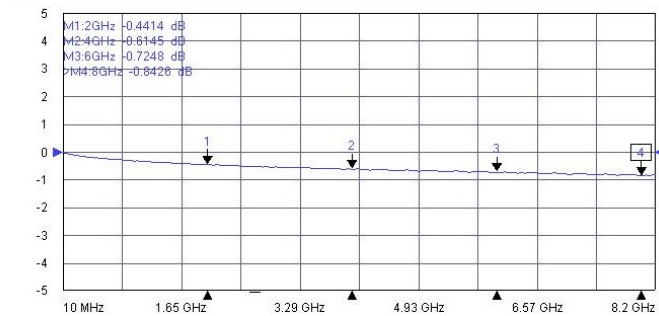
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



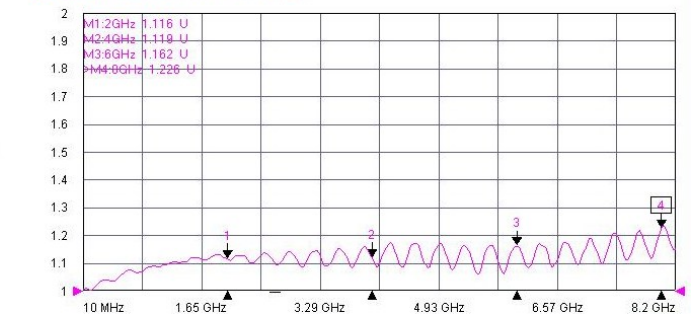
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



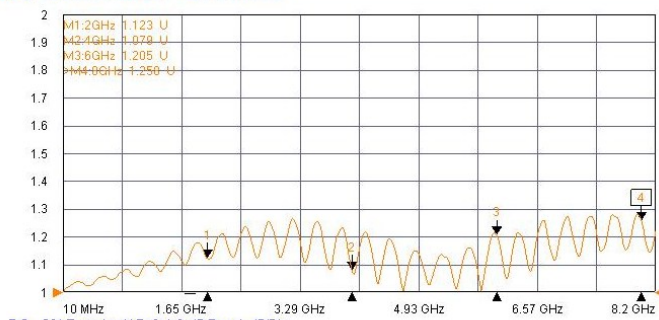
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



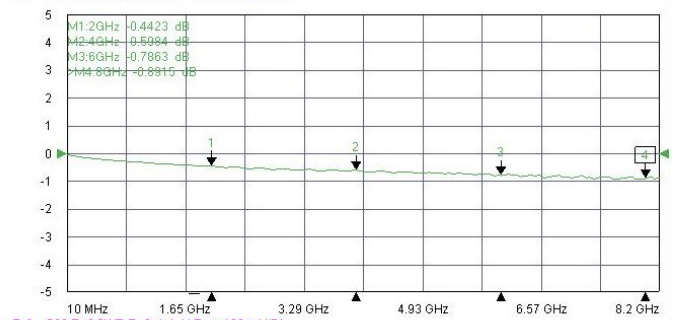
## Typical Test Result

| PART NUMBER        | DESCRIPTION                                                          |
|--------------------|----------------------------------------------------------------------|
| 240280.F085.30A-8G | MMCX Male To SMA Male, Flexible 085 Blue/L:30cm/Brass Tubing/DC-8GHz |

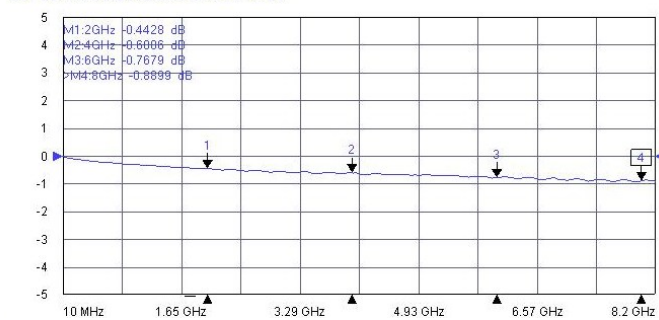
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mV/Div



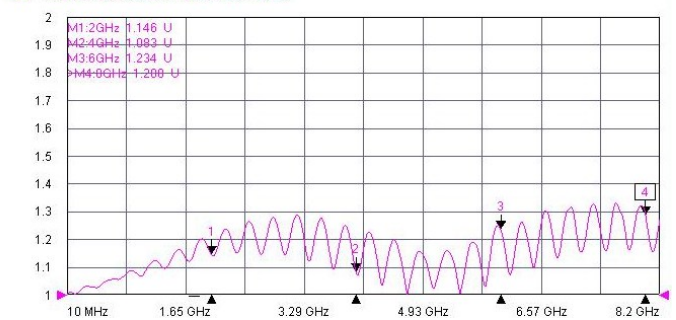
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



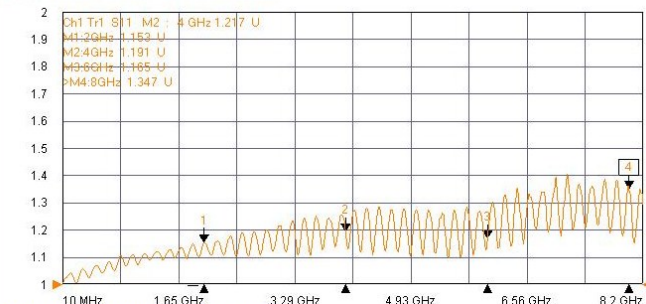
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mV/Div



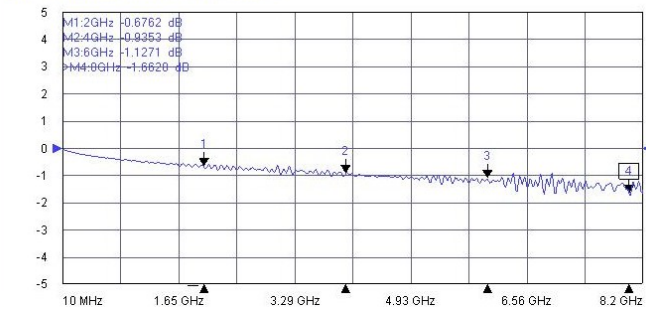
## Typical Test Result

| PART NUMBER        | DESCRIPTION                                                                |
|--------------------|----------------------------------------------------------------------------|
| 240283.F085.60A-8G | MMCX Male To SMA Male Quick, Flexible 085 Blue/L:60cm/Brass Tubing/DC-8GHz |

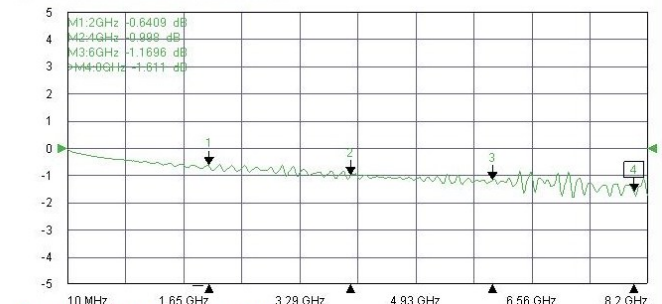
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



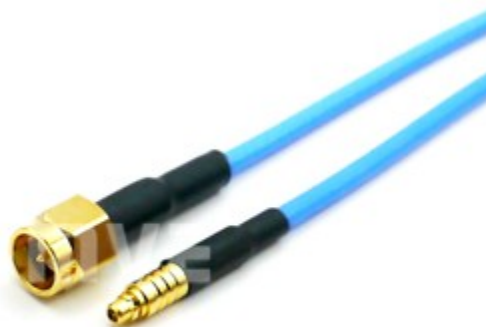
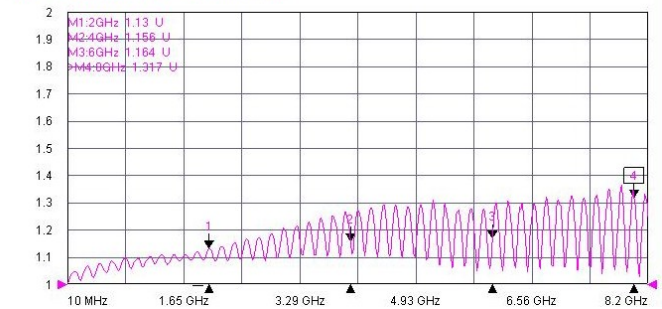
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



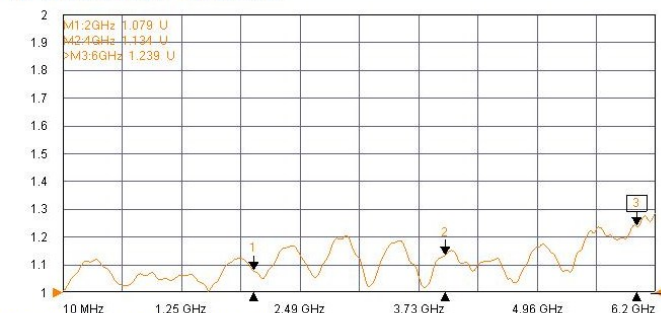
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



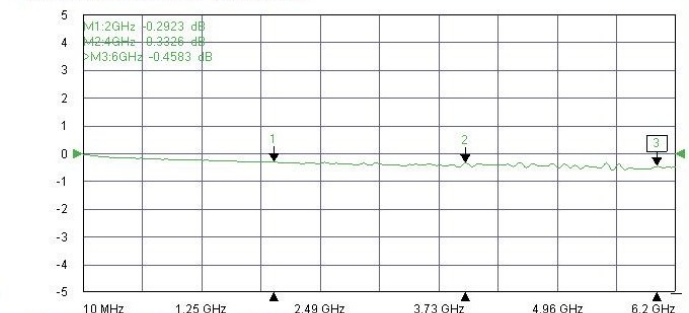
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                    |
|-----------------|----------------------------------------------------------------|
| 240290.F085.15A | MMCX Male To SMA Female,,Flexible 085 Blue/L:15cm/Brass Tubing |

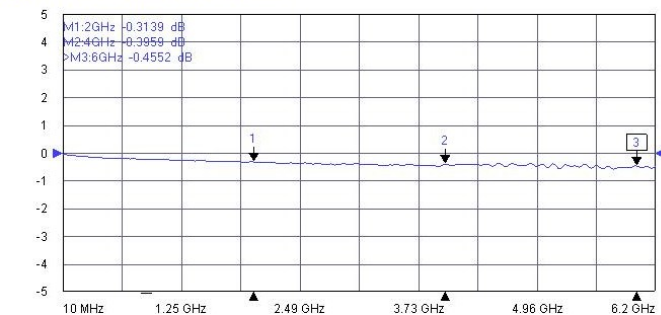
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



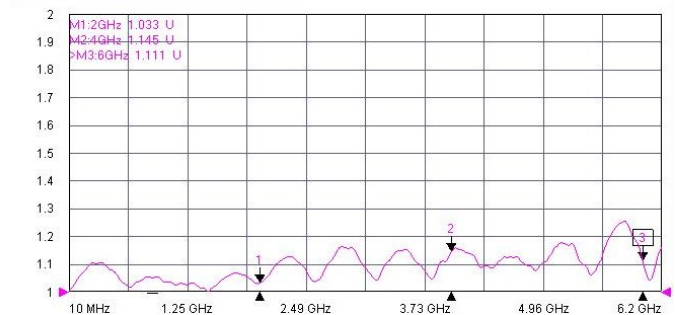
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



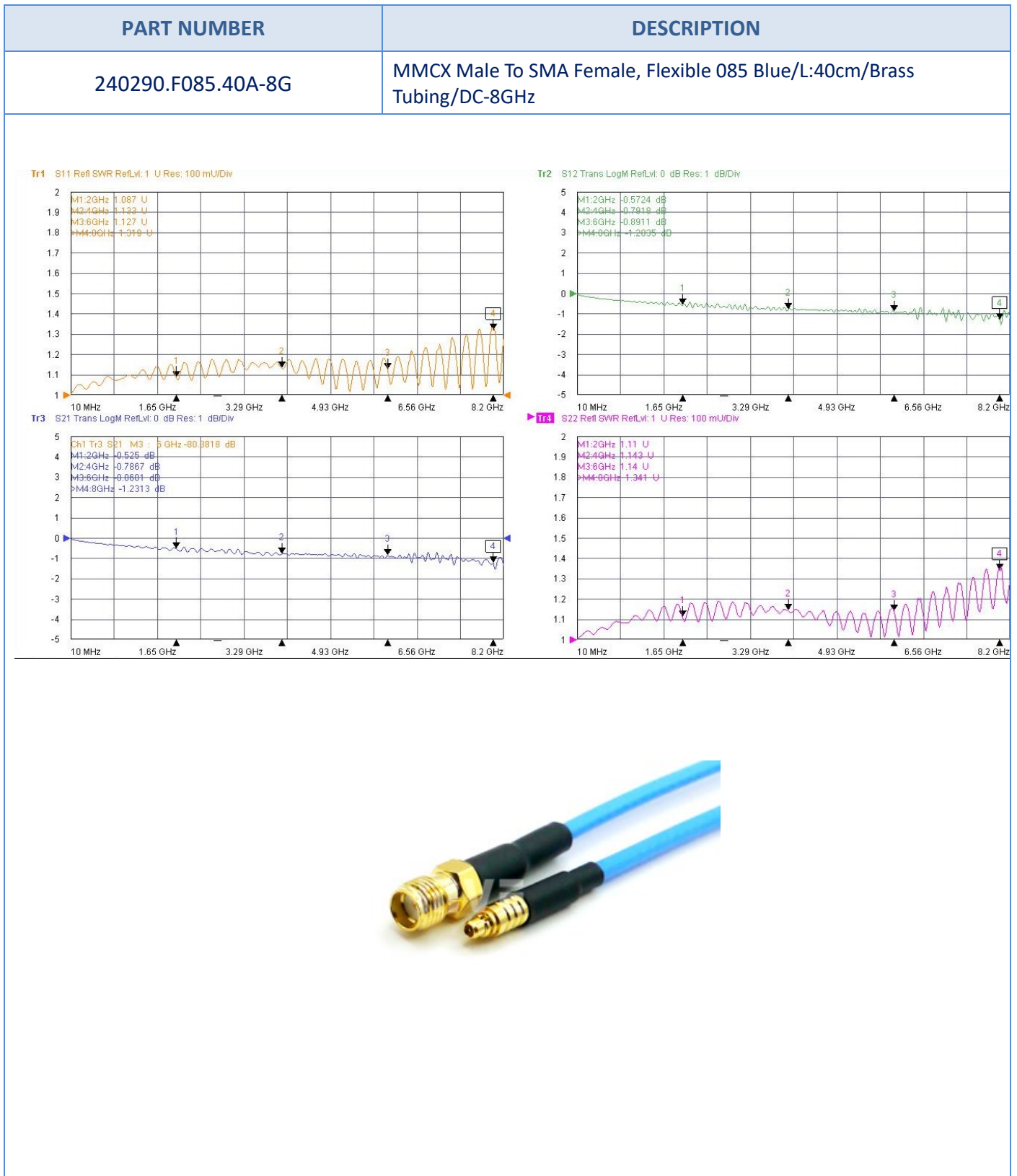
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



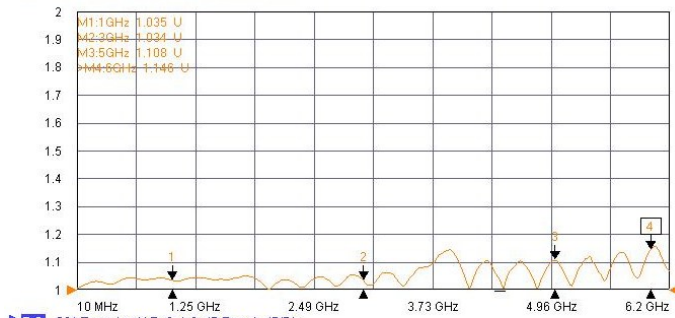
## Typical Test Result



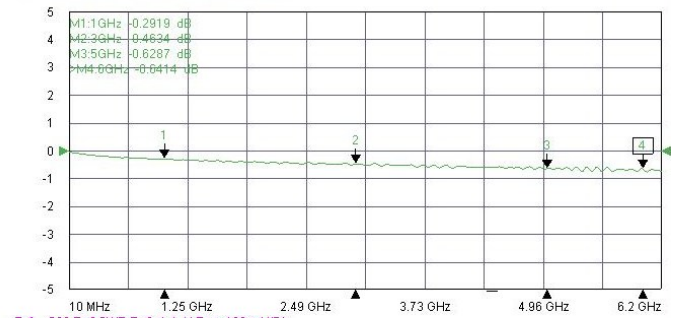
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                      |
|-----------------|------------------------------------------------------------------|
| 242280.F085.30A | MMCX Male R/A To SMA Male, Flexible 085 Blue/L:30cm/Brass Tubing |

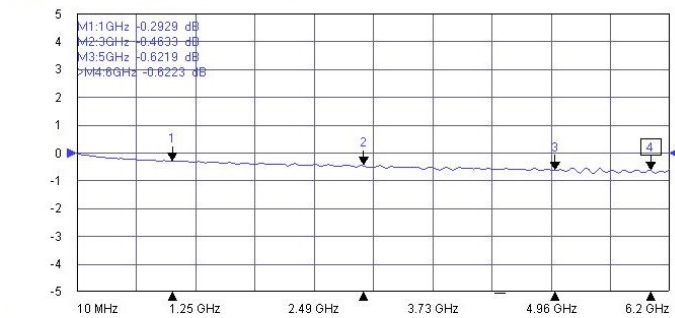
Tr1: S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



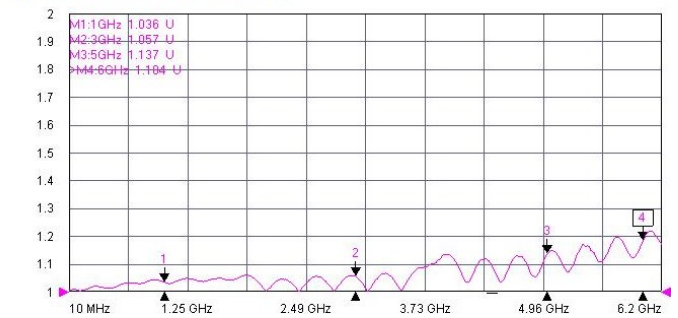
Tr2: S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3: S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



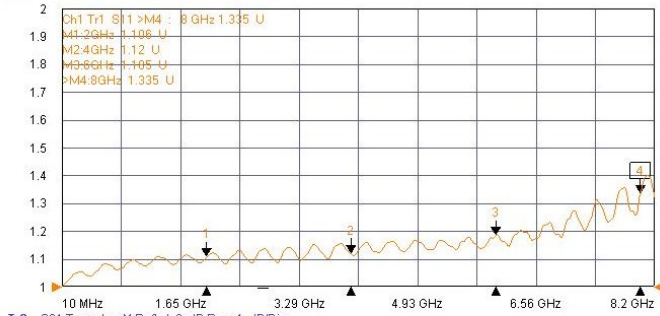
Tr4: S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



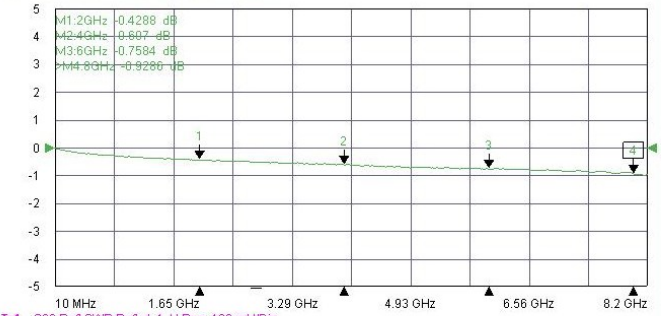
## Typical Test Result

| PART NUMBER        | DESCRIPTION                                                               |
|--------------------|---------------------------------------------------------------------------|
| 242280.F085.30A-8G | MMCX Male R/A To SMA Male, Flexible 085 Blue/L:30cm/Brass Tubing, DC-8GHz |

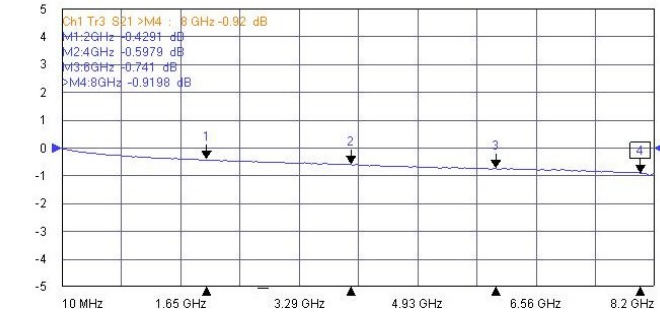
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



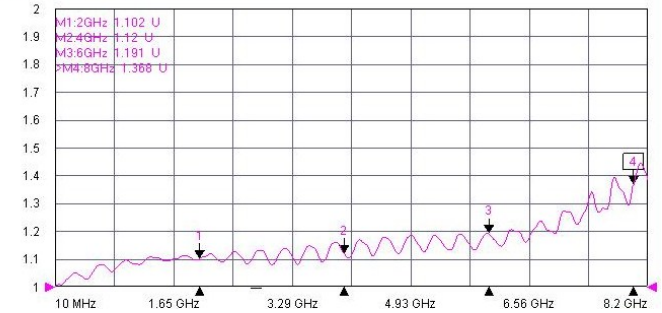
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



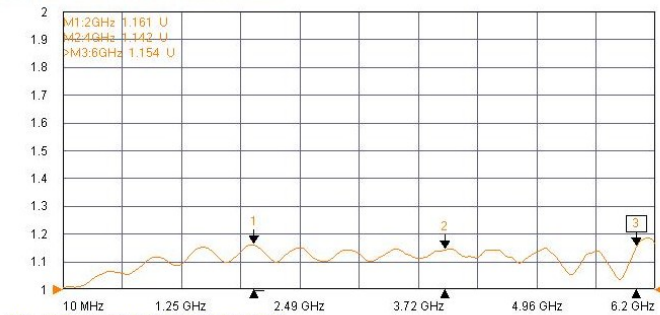
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



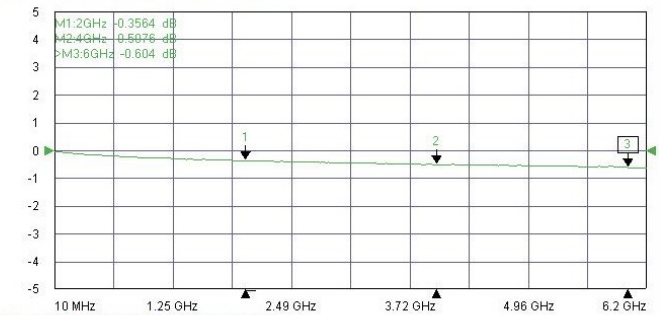
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                          |
|-----------------|----------------------------------------------------------------------|
| 242282.F085.20A | MMCX Male R/A To SMA Male R/A, Flexible 085 Blue/L:20cm/Brass Tubing |

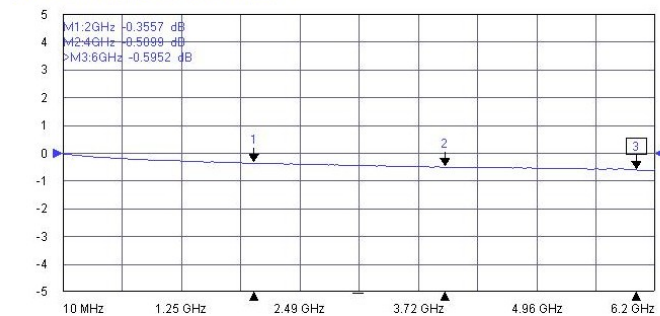
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



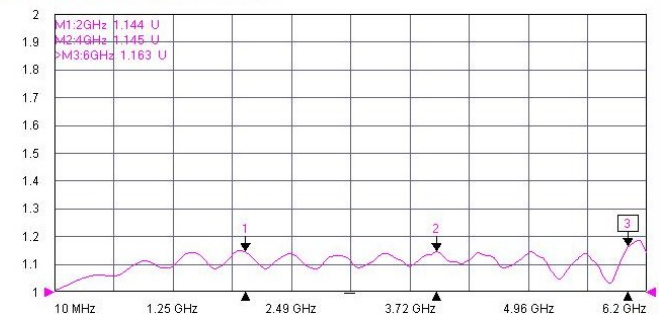
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



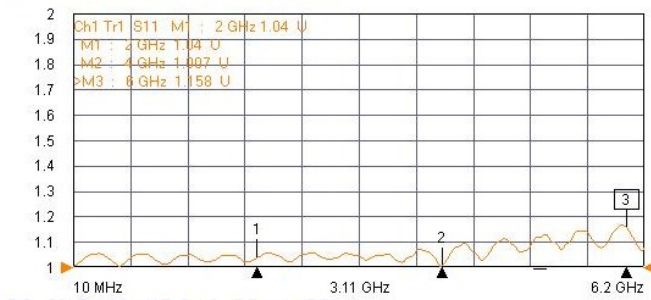
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



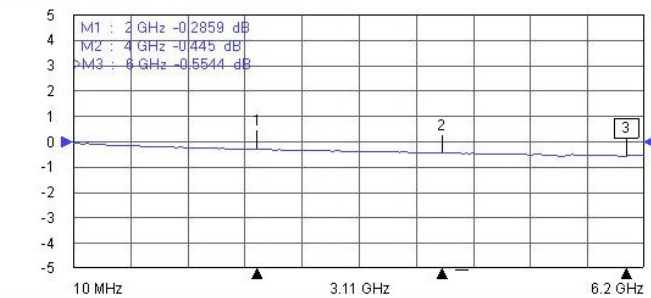
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                        |
|-----------------|--------------------------------------------------------------------|
| 242290.F085.20A | MMCX Male R/A To SMA Female, Flexible 085 Blue/L:20cm/Brass Tubing |

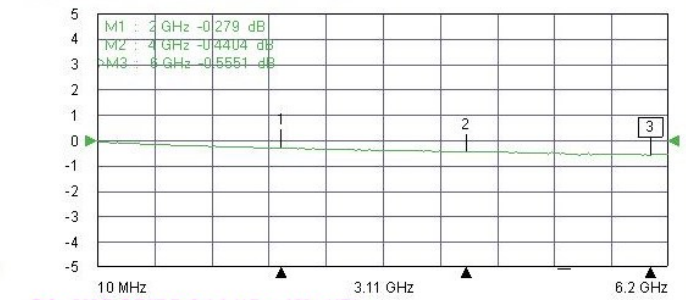
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



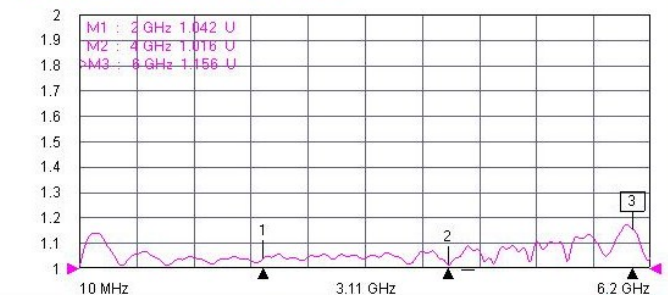
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



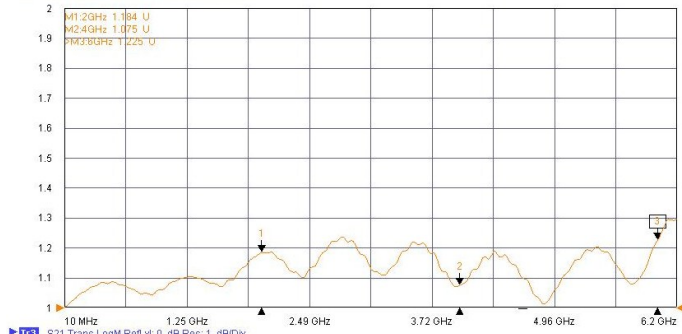
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



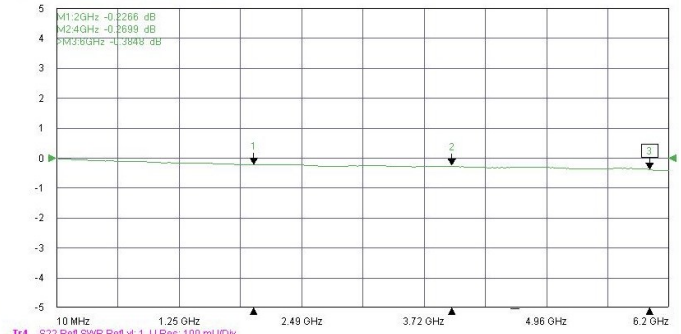
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                             |
|-----------------|-------------------------------------------------------------------------|
| 242296.F085.10A | MMCX Male R/A To SMA Female B.H. ,Flexible 085 Blue/L:10cm/Brass Tubing |

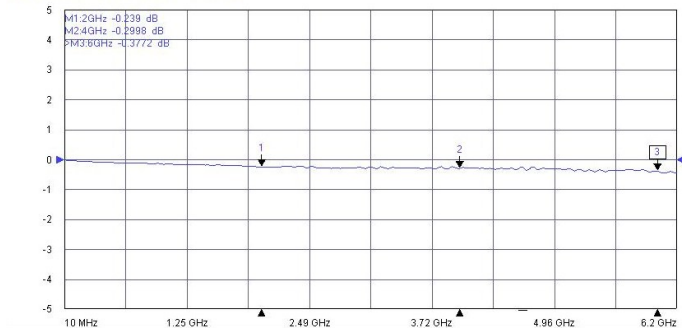
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mUIBW



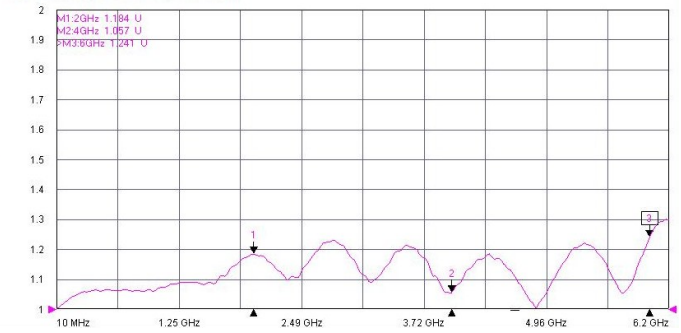
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dBUIBW



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dBUIBW

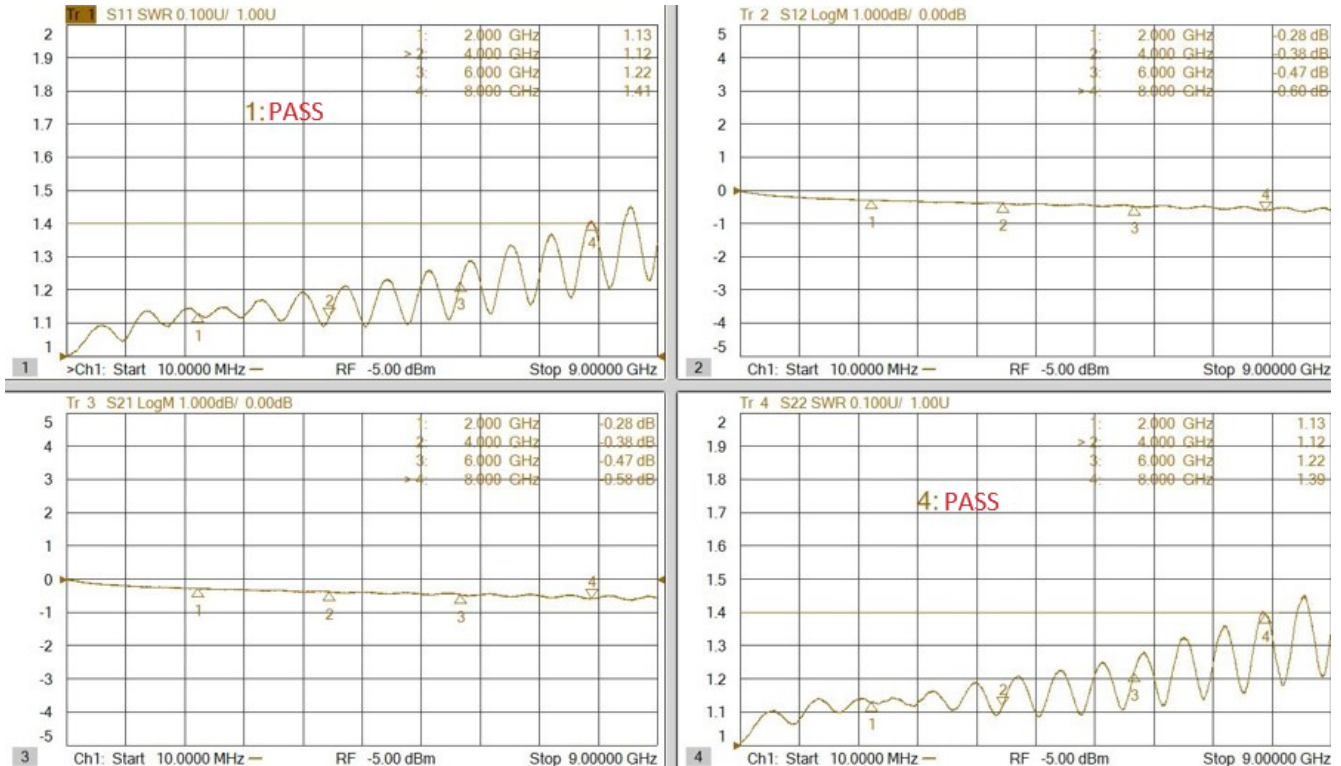


Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mUIBW



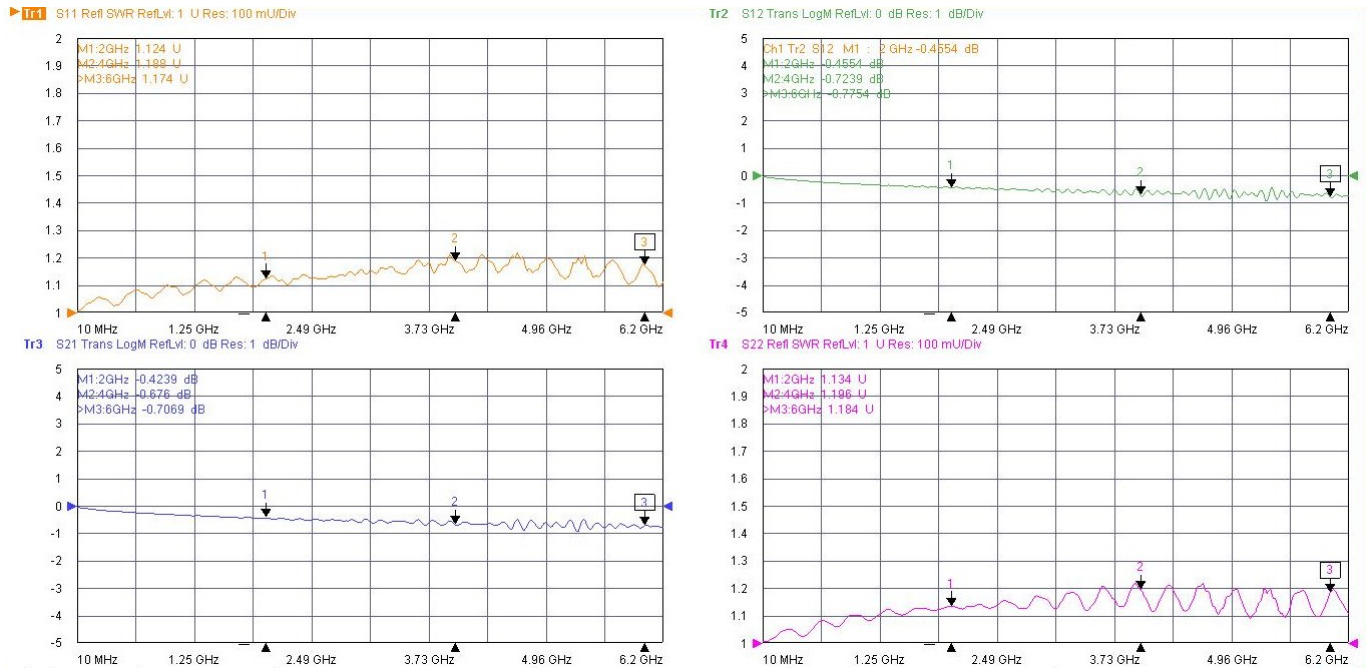
## Typical Test Result

| PART NUMBER        | DESCRIPTION                                                                     |
|--------------------|---------------------------------------------------------------------------------|
| 242296.F085.15A-8G | MMCX Male R/A To SMA Female B.H. ,Flexible 085 Blue/L:15cm/Brass Tubing,DC-8GHz |



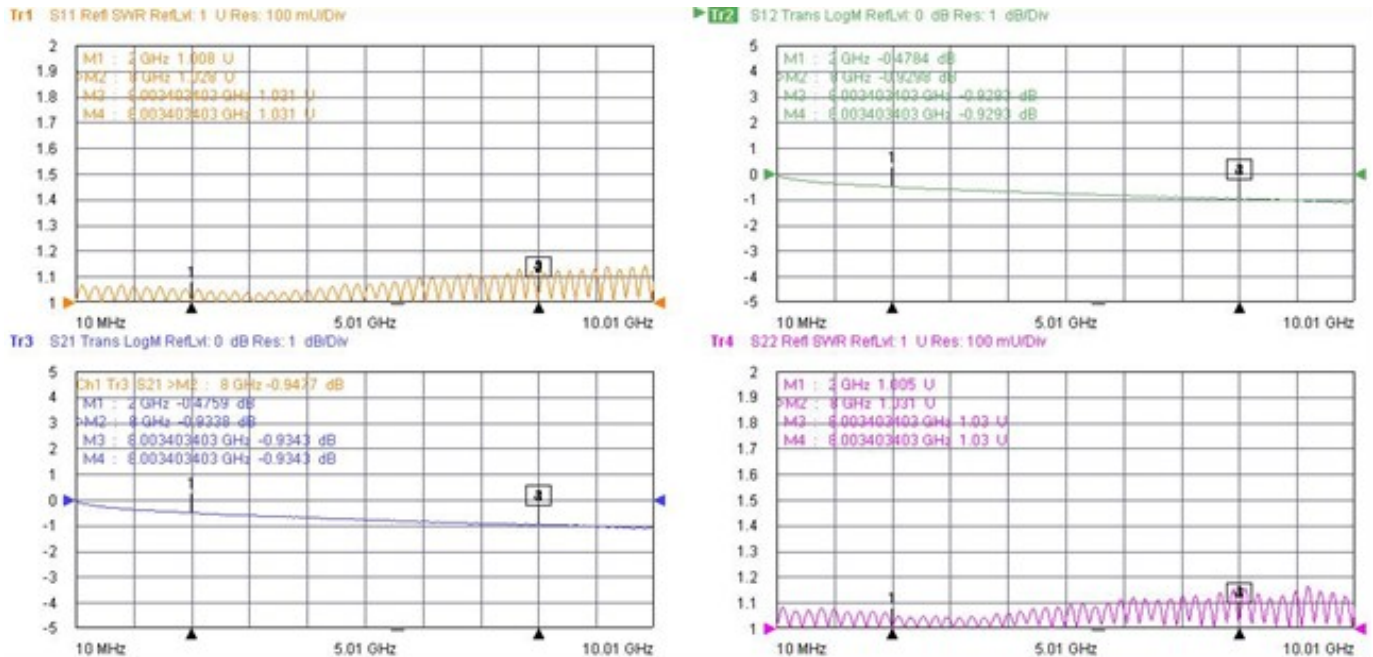
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                    |
|-----------------|----------------------------------------------------------------|
| 250280.F085.30A | MMCX Female To SMA Male, Flexible 085 Blue/L:30cm/Brass Tubing |



## Typical Test Result

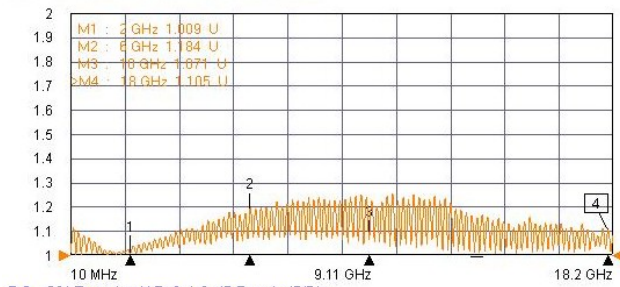
| PART NUMBER     | DESCRIPTION                                                 |
|-----------------|-------------------------------------------------------------|
| 280280.F085.50A | SMA Male To SMA Male, Flexible 085 Blue/L:50cm/Brass Tubing |



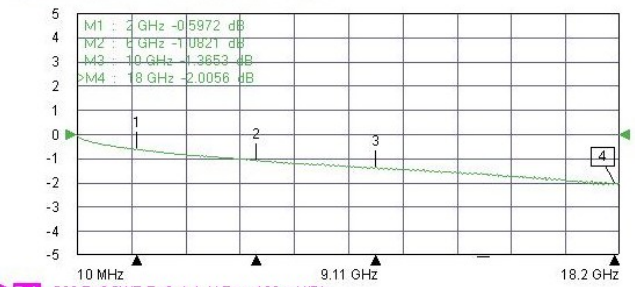
## Typical Test Result

| PART NUMBER         | DESCRIPTION                                                                               |
|---------------------|-------------------------------------------------------------------------------------------|
| 280280.F085.60A(H3) | SMA Male/Stainless To SMA Male/Stainless, Flexible 085 Blue/L:60cm, DC-18GHz/Brass Tubing |

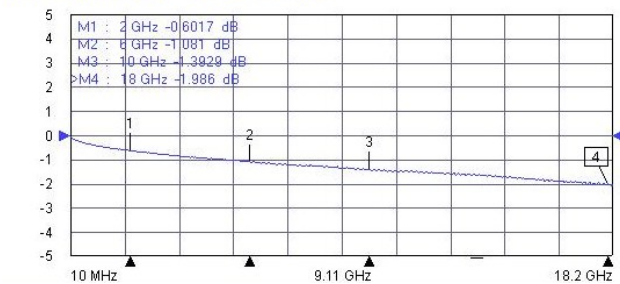
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



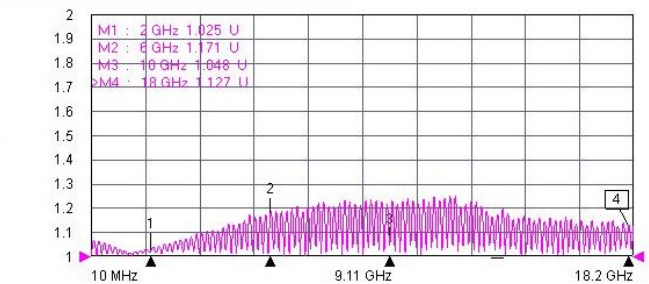
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



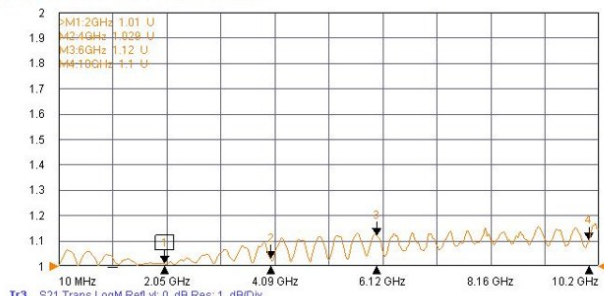
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



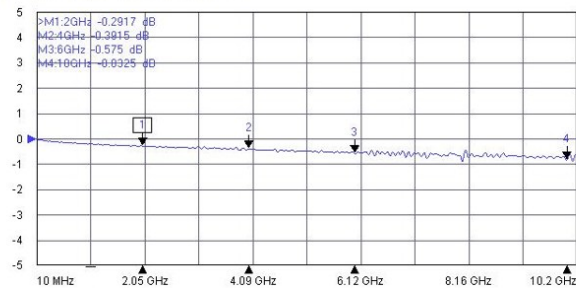
## Typical Test Result

| PART NUMBER           | DESCRIPTION                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------|
| 280280.F085.30A(FC50) | SMA Male To SMA Male, Flexible 085 Blue/L:30cm(with Ferrite corex5/<br>Pitch: 50mm)/Brass Tubing |

Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mV/Div



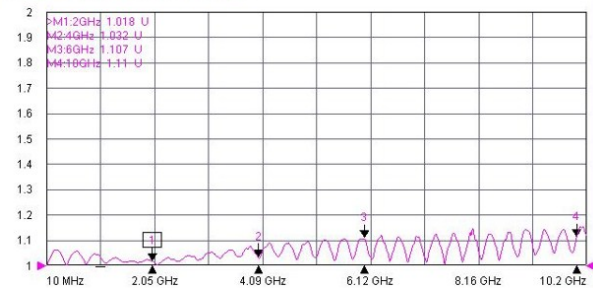
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



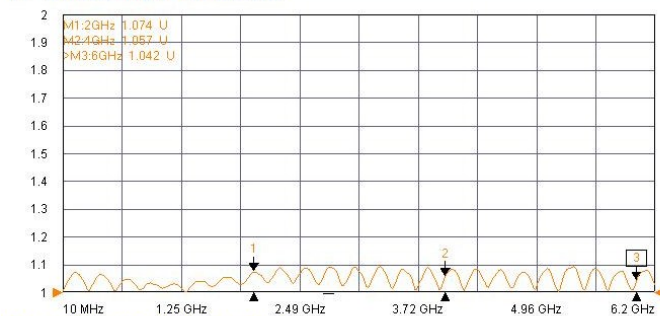
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mV/Div



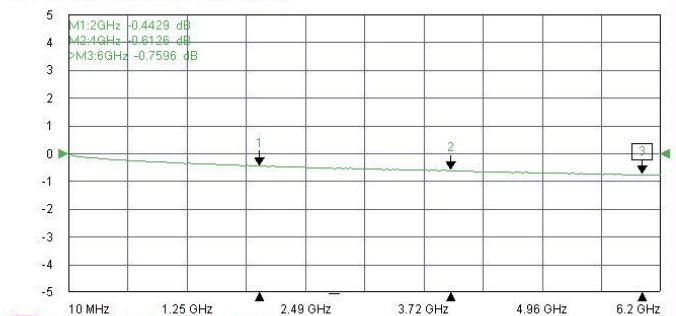
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                         |
|-----------------|---------------------------------------------------------------------|
| 280281.F085.40A | SMA Male To SMA Male Reverse, Flexible 085 Bule/L:40cm/Brass Tubing |

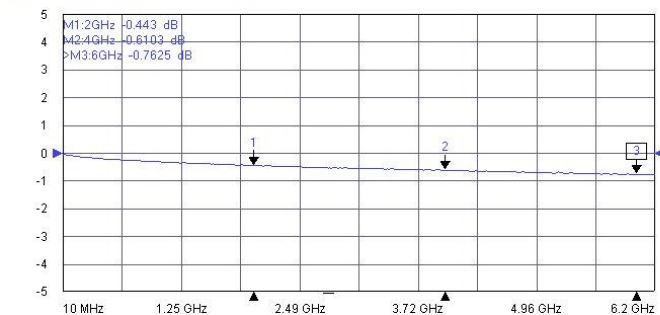
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



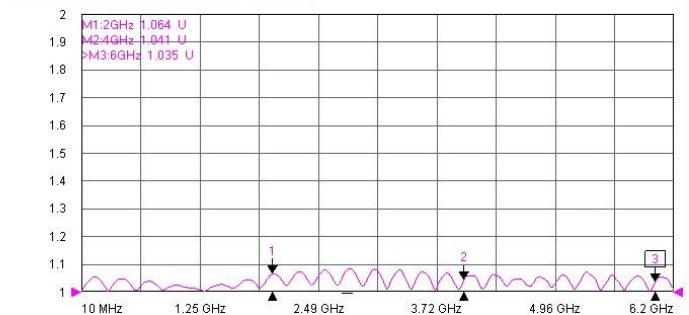
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



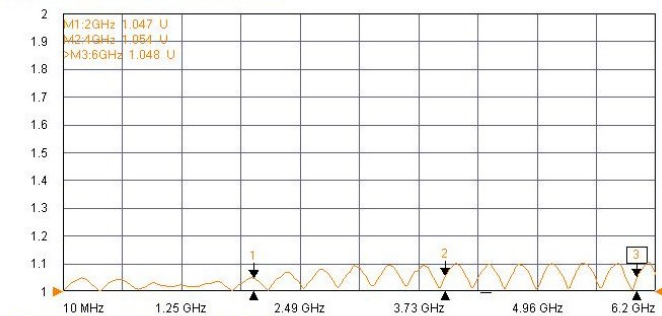
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



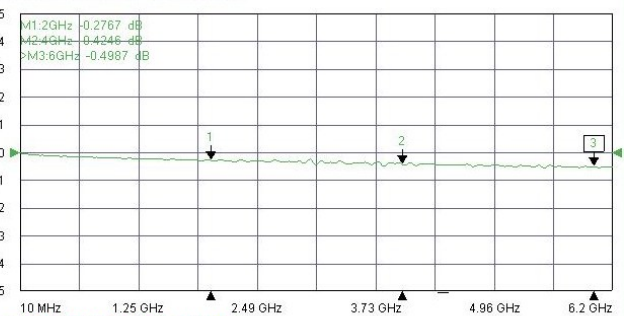
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                     |
|-----------------|-----------------------------------------------------------------|
| 280282.F085.30A | SMA Male To SMA Male R/A, Flexible 085 Blue/L:30cm/Brass Tubing |

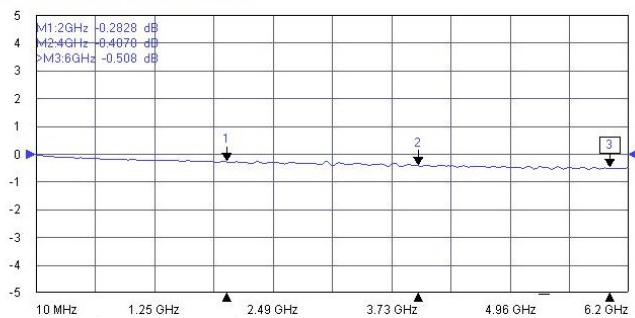
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



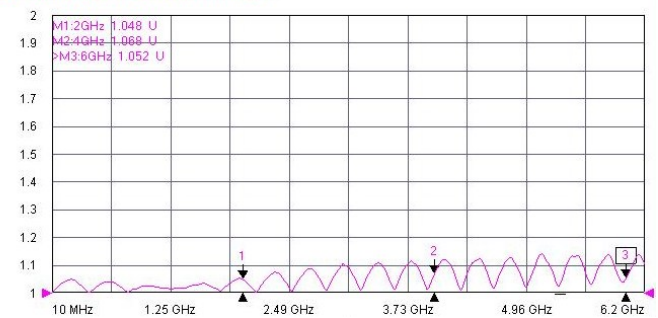
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div

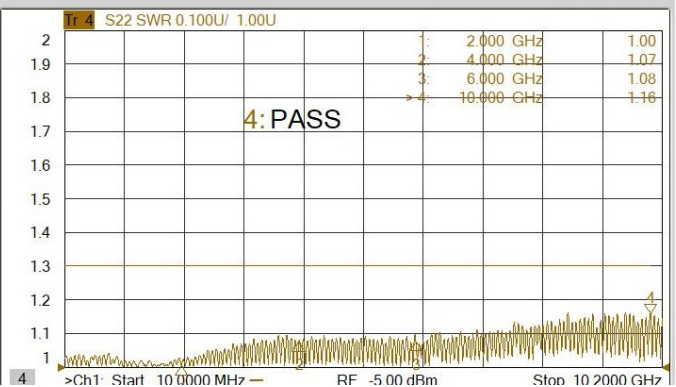
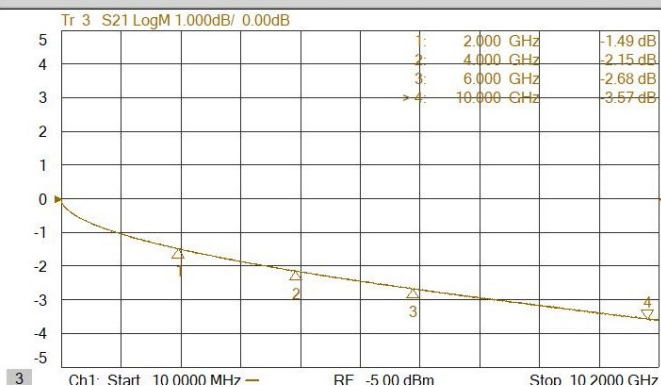
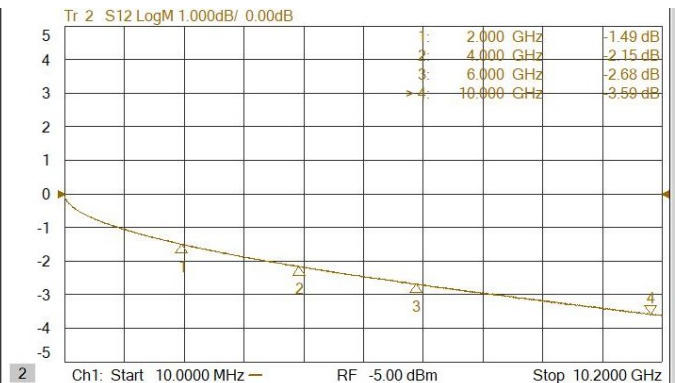
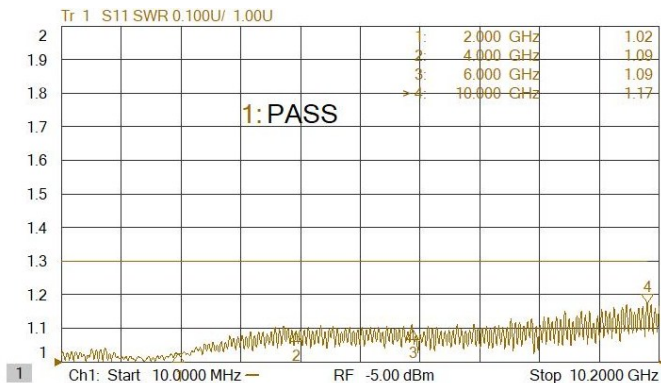


Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



## Typical Test Result

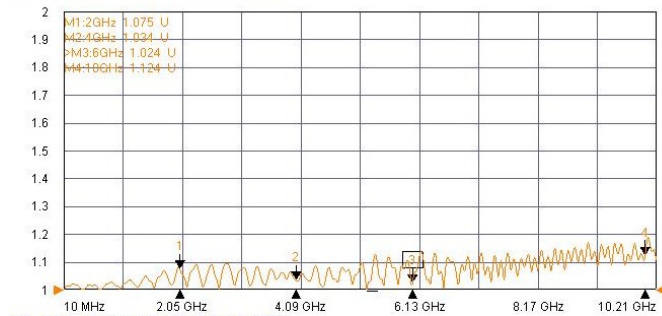
| PART NUMBER      | DESCRIPTION                                                        |
|------------------|--------------------------------------------------------------------|
| 280283.F085.150A | SMA Male To SMA Male Quick, Flexible 085 Blue/L:150cm/Brass Tubing |



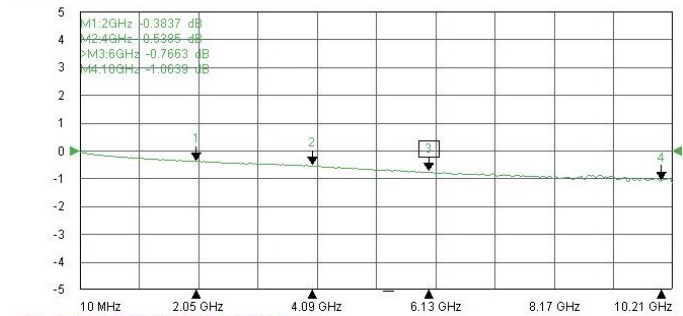
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                               |
|-----------------|-----------------------------------------------------------|
| 280290.F085.40A | SMA Male To SMA Female, Flexible 085/L:40cm/ Brass Tubing |

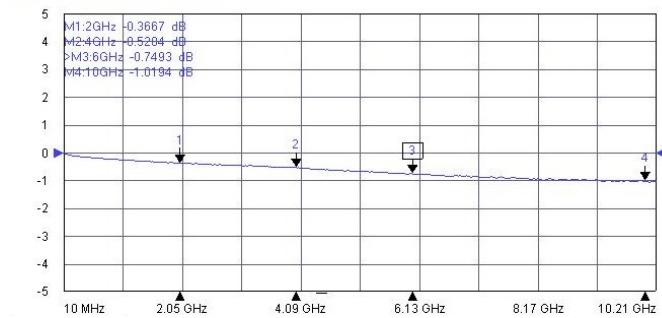
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mV/Div



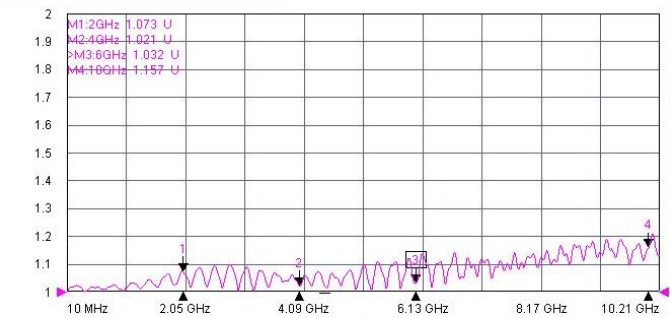
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div

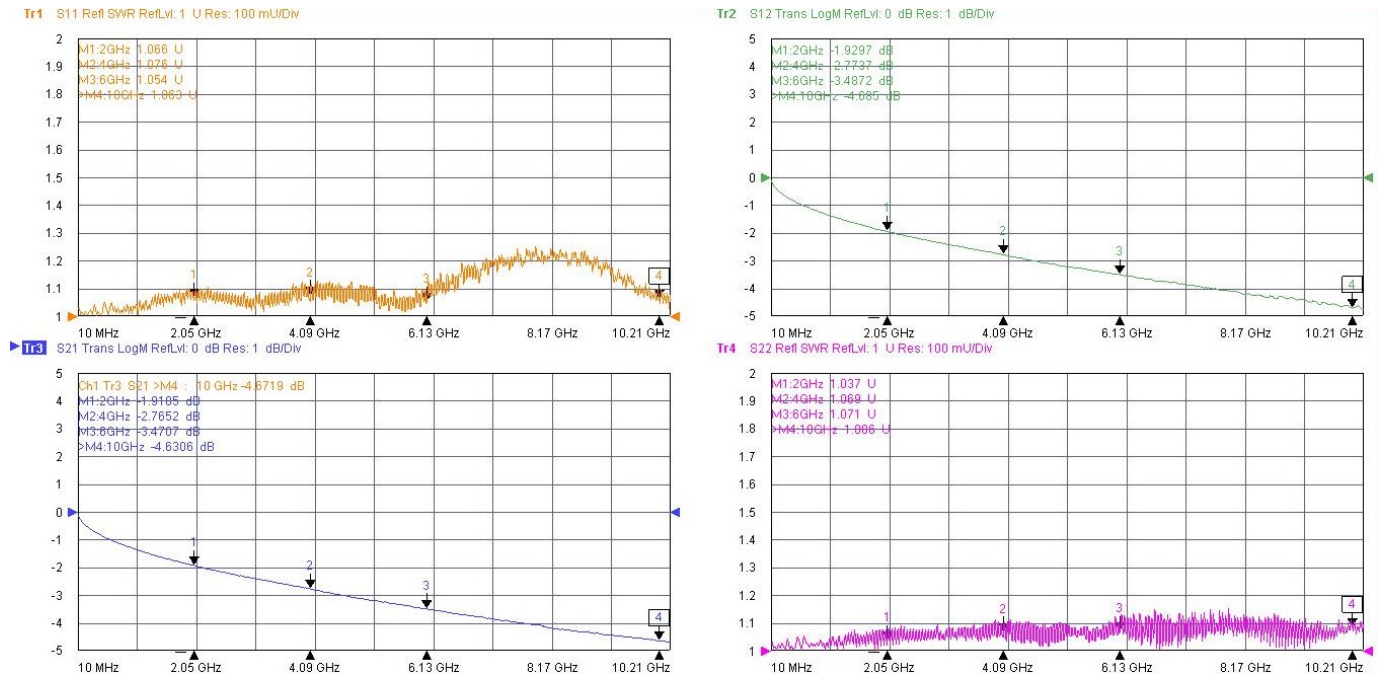


Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mV/Div



## Typical Test Result

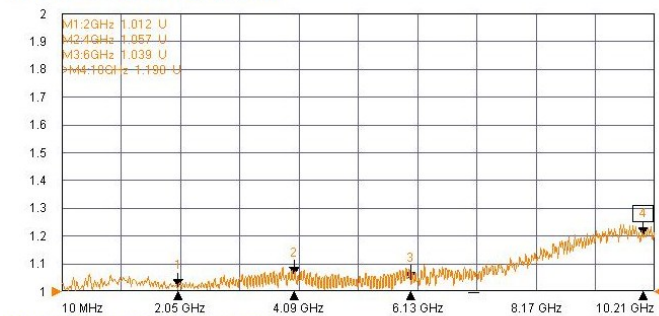
| PART NUMBER      | DESCRIPTION                                                               |
|------------------|---------------------------------------------------------------------------|
| 280291.F085.200A | SMA Male To SMA Female Reverse, Flexible 085<br>Blue/L:200cm/Brass Tubing |



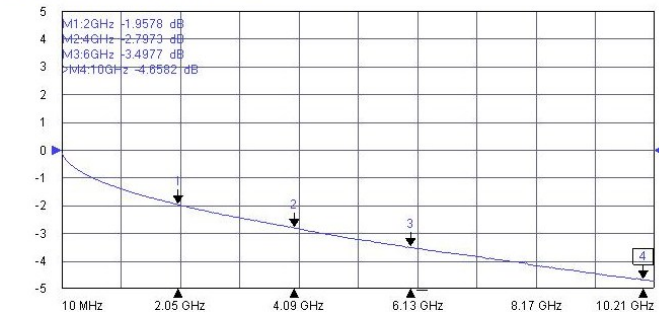
## Typical Test Result

| PART NUMBER      | DESCRIPTION                                                        |
|------------------|--------------------------------------------------------------------|
| 280296.F085.200A | SMA Male To SMA Female B.H, Flexible 085 Blue/L:200cm/Brass Tubing |

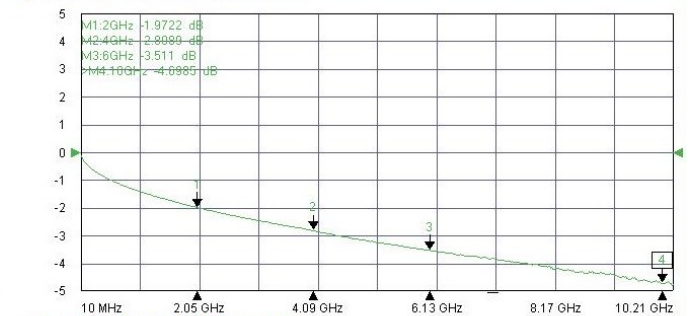
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



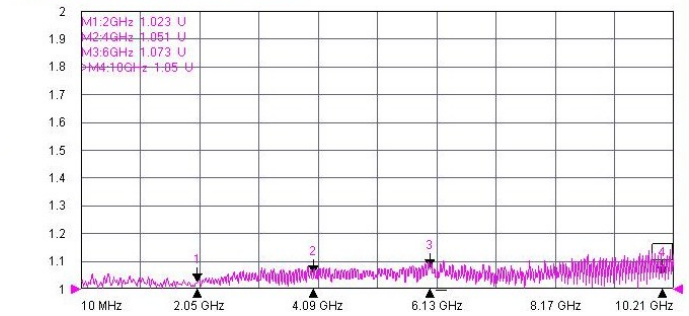
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



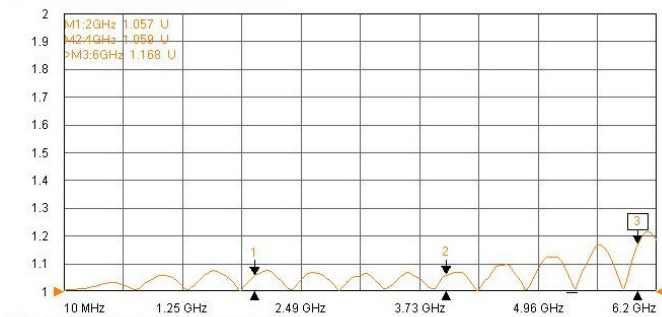
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



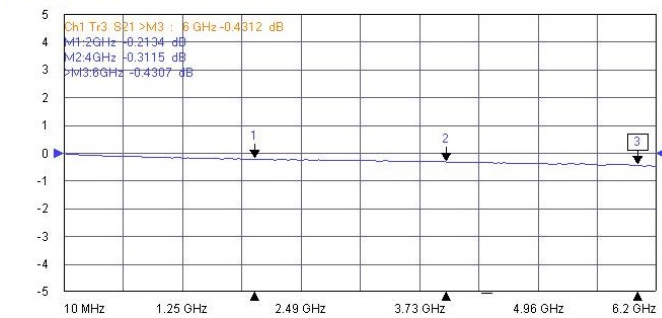
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                         |
|-----------------|---------------------------------------------------------------------|
| 282282.F085.20A | SMA Male R/A To SMA Male R/A, Flexible 085 Blue/L:20cm/Brass Tubing |

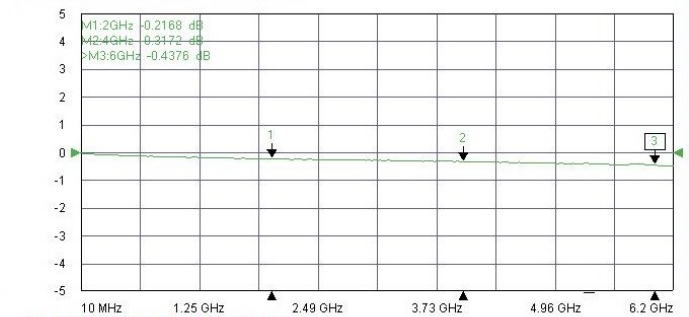
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



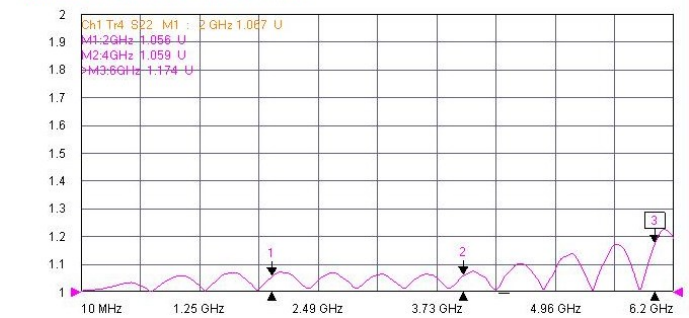
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



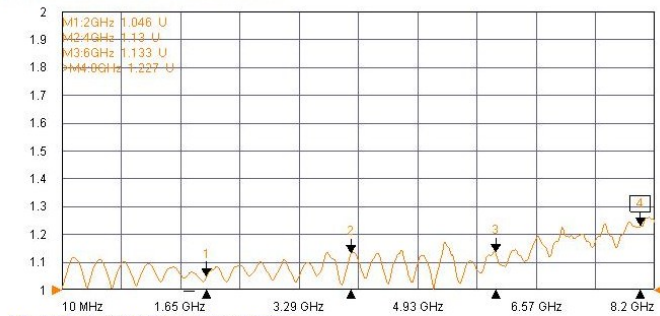
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



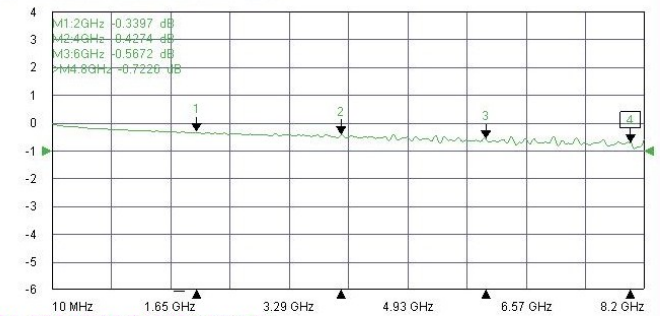
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                   |
|-----------------|---------------------------------------------------------------|
| 282290.F085.30A | SMA Male R/A To SMA Female, Flexible 085/L:30cm/ Brass Tubing |

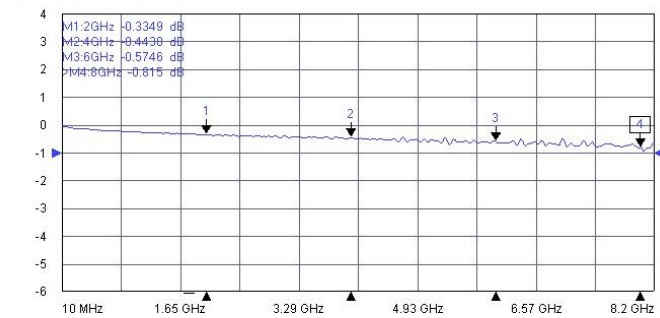
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



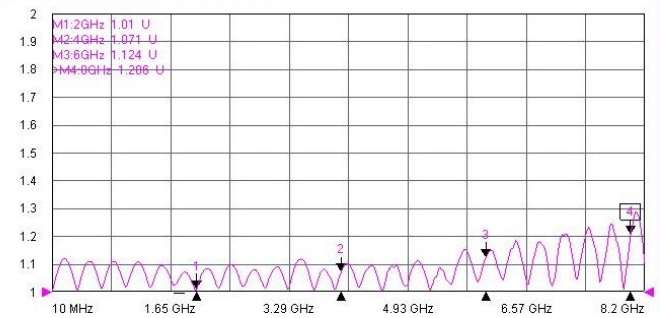
Tr2 S12 Trans LogM RefLvl: -1 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: -1 dB Res: 1 dB/Div



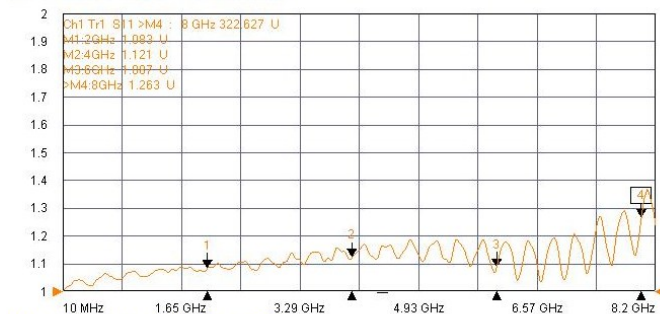
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



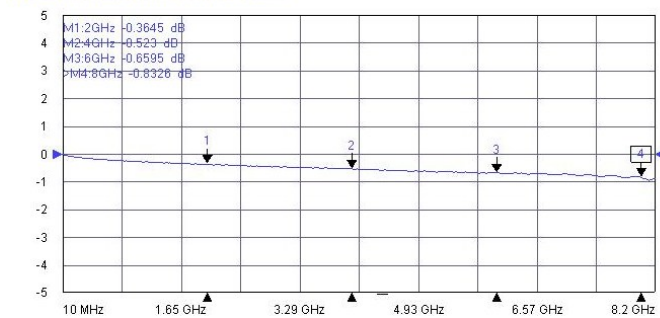
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                             |
|-----------------|---------------------------------------------------------|
| 342280.F085.30A | MHF1 To SMA Male, Flexible 085 Blue/L:30cm/Brass Tubing |

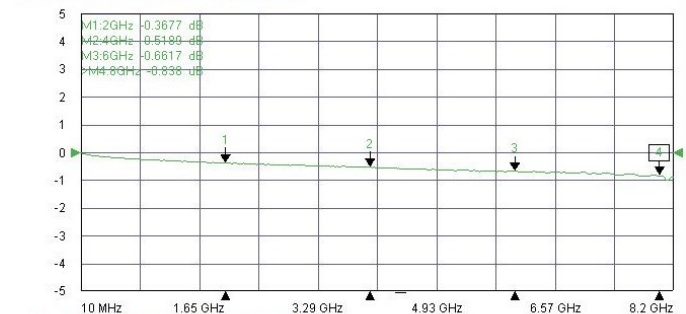
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



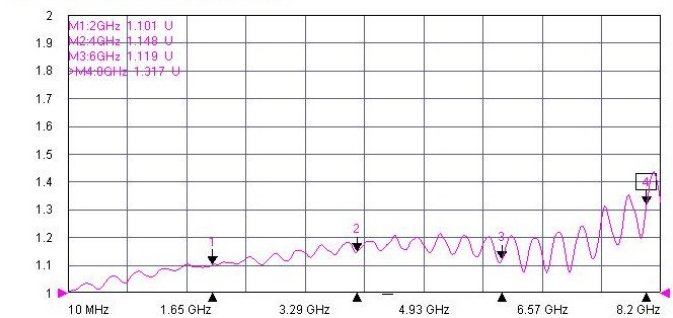
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



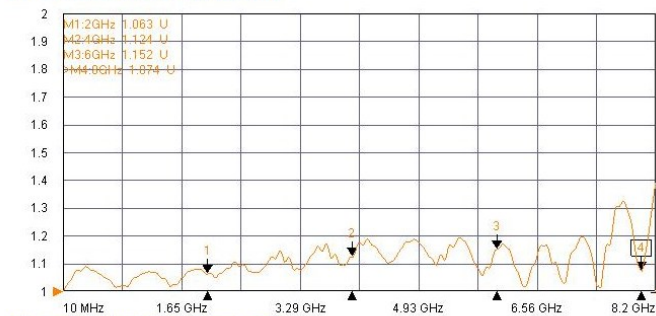
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



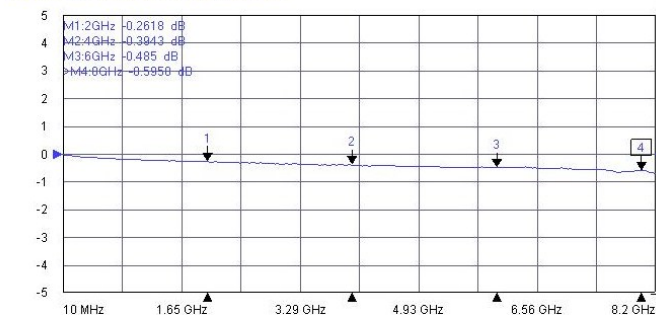
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                   |
|-----------------|---------------------------------------------------------------|
| 342296.F085.15A | MHF1 To SMA Female B.H, Flexible 085 Blue/L:15cm/Brass Tubing |

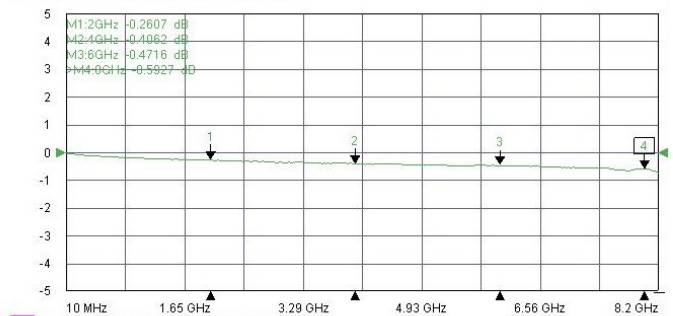
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



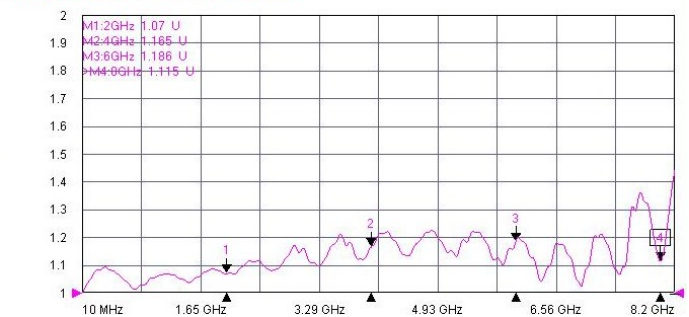
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div

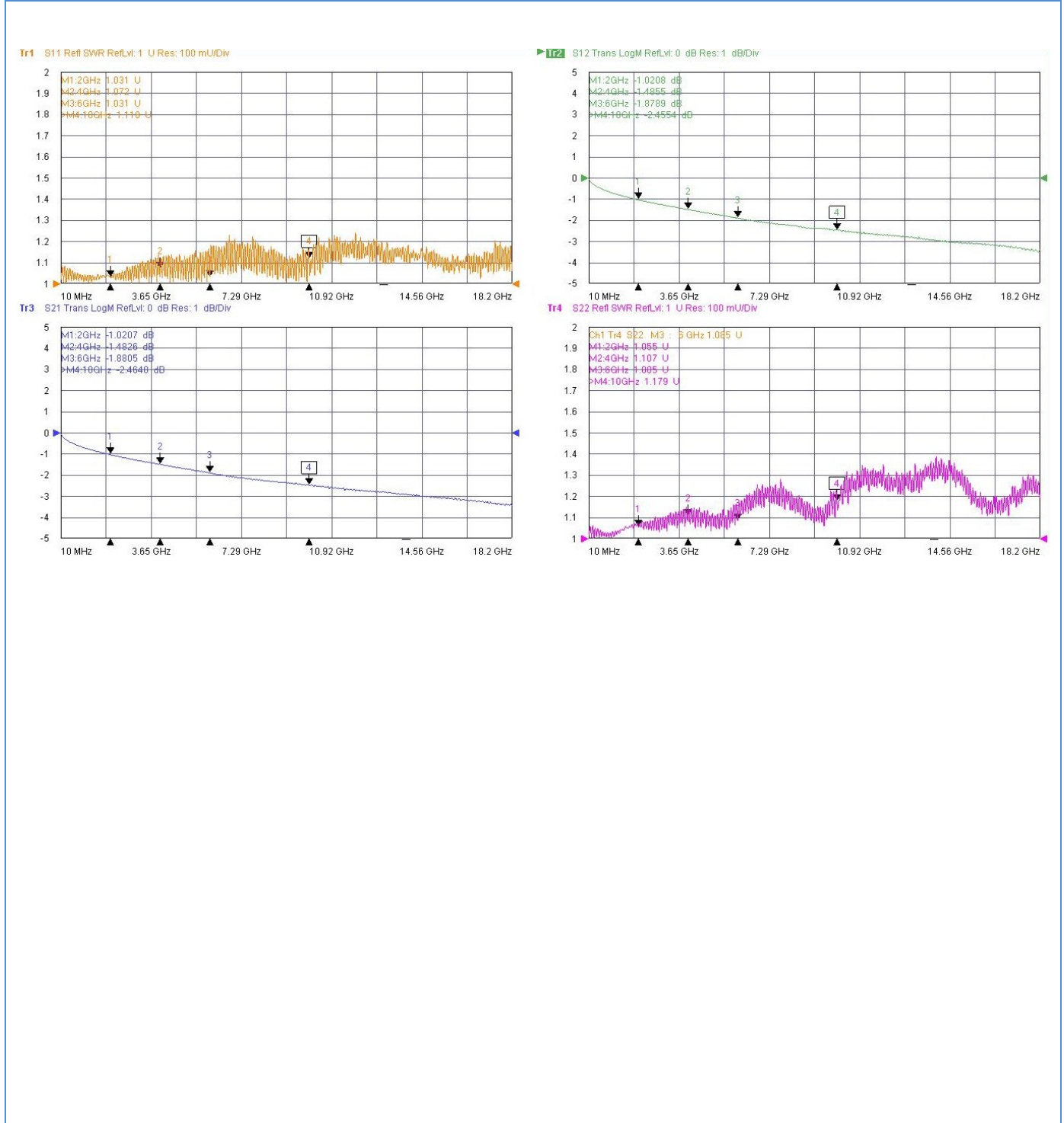


Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



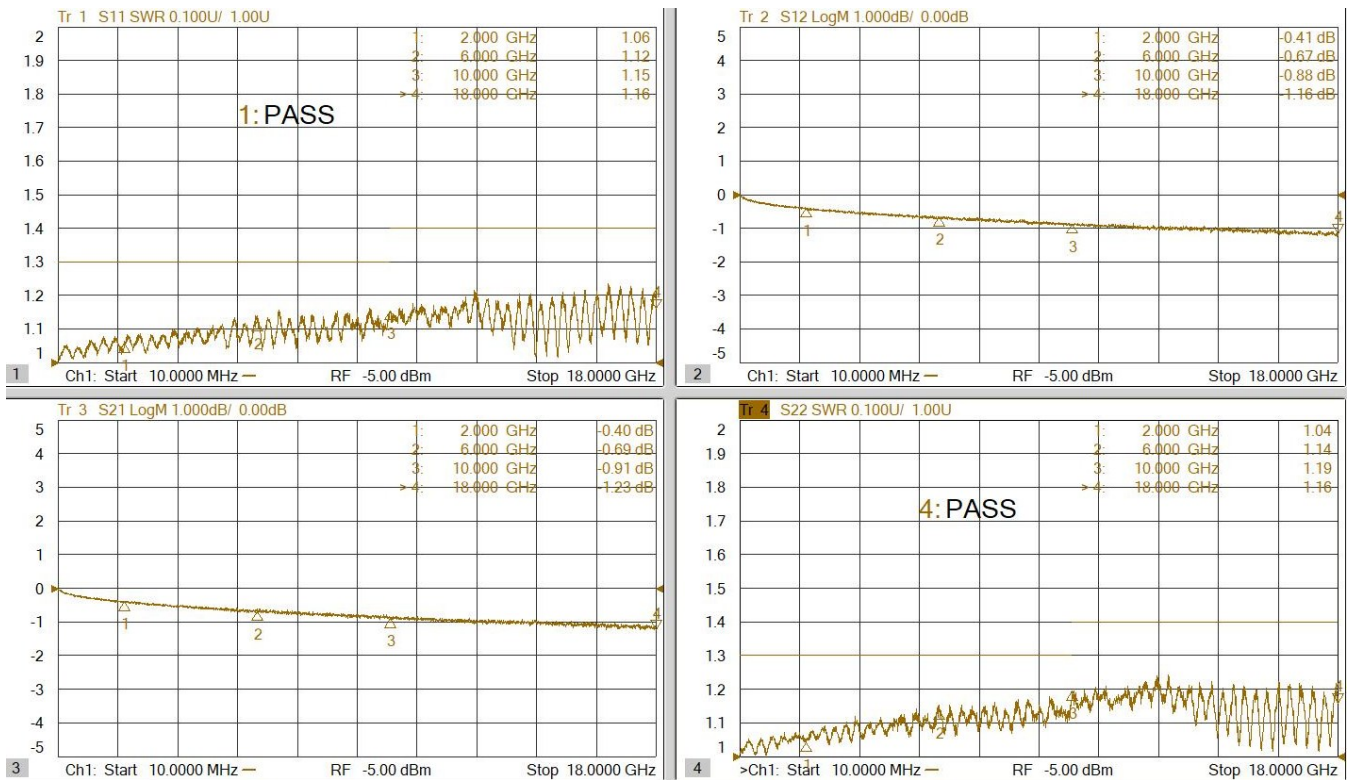
## Typical Test Result

| PART NUMBER         | DESCRIPTION                                                                  |
|---------------------|------------------------------------------------------------------------------|
| 480280.F085.100A(H) | SMP Female To SMA Male/Stainless, Flexible 085 Blue/<br>L:100cm/Brass Tubing |



## Typical Test Result

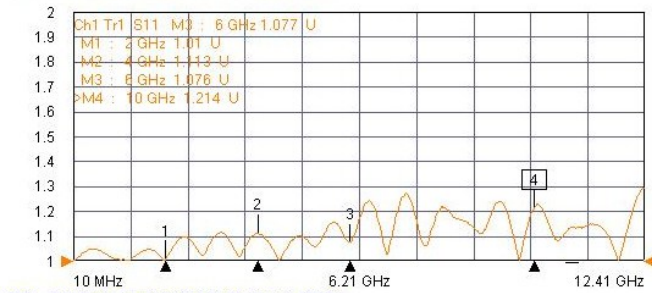
| PART NUMBER         | DESCRIPTION                                                              |
|---------------------|--------------------------------------------------------------------------|
| 480280.F085.30A(H3) | SMP Female To SMA Male/Stainless, Flexible 085 Blue/ L:30cm/Brass Tubing |



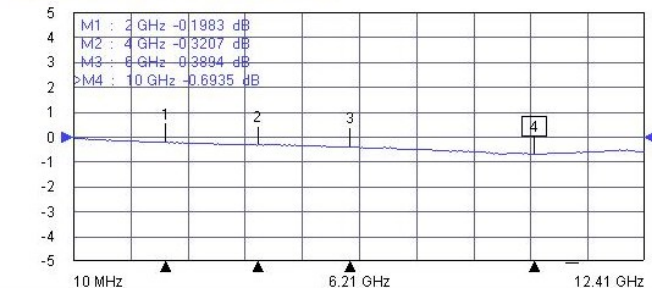
## Typical Test Result

| PART NUMBER         | DESCRIPTION                                                      |
|---------------------|------------------------------------------------------------------|
| 480290.F085.10A(H3) | SMP Female To SMA Female, Flexible 085 Blue/ L:10cm/Brass Tubing |

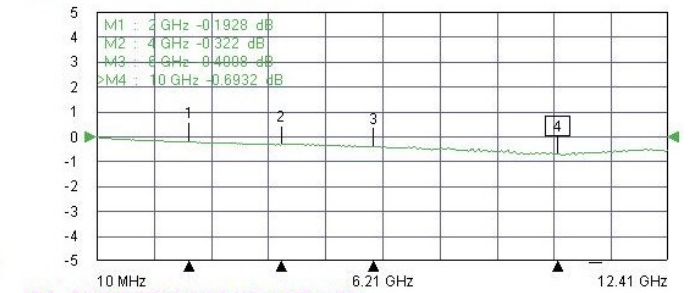
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



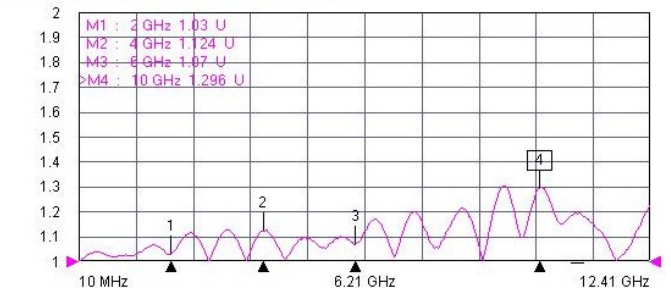
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



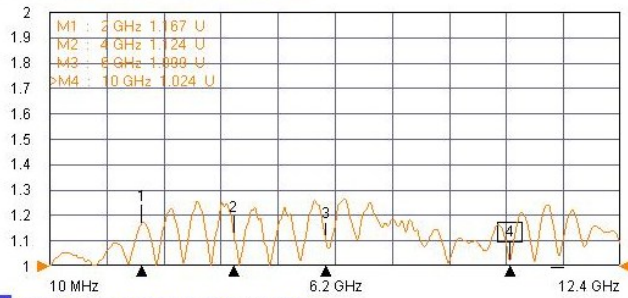
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



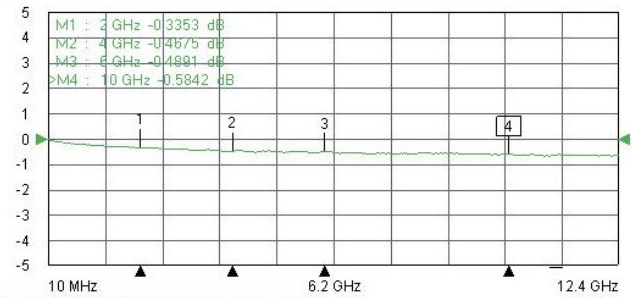
## Typical Test Result

| PART NUMBER     | DESCRIPTION                                                              |
|-----------------|--------------------------------------------------------------------------|
| 482482.F085.15A | SMP Female R/A To SMP Female R/A, Flexible 085 Blue/ L:15cm/Brass Tubing |

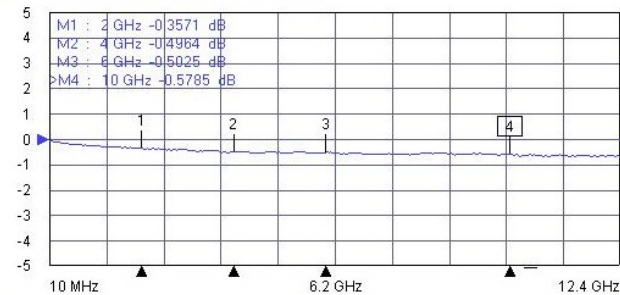
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



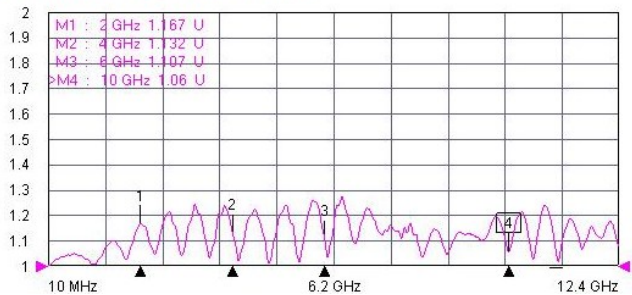
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



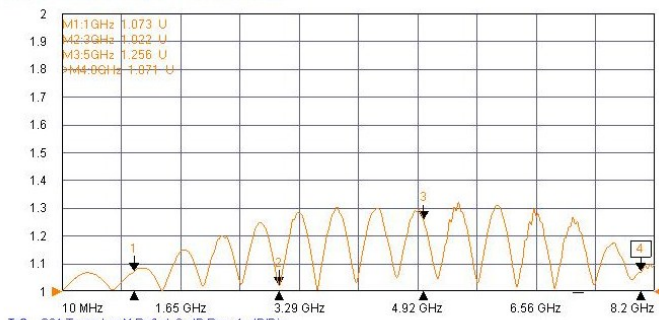
Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



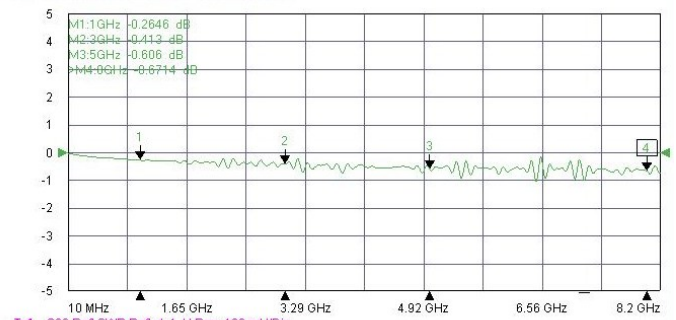
## Typical Test Result

| PART NUMBER        | DESCRIPTION                                                                      |
|--------------------|----------------------------------------------------------------------------------|
| 482482.F085.18A-8G | SMP Female R/A To SMP Female R/A, Flexible 085 Blue/ L:18cm/Brass Tubing,DC-8GHz |

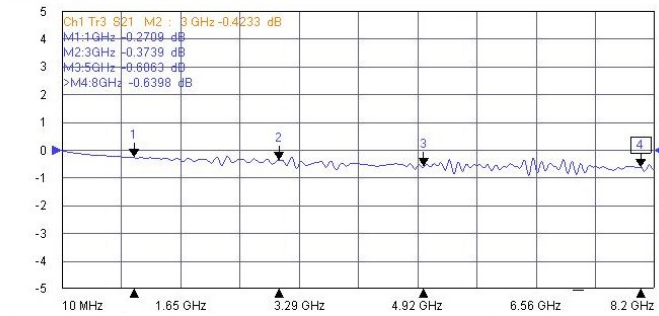
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div

