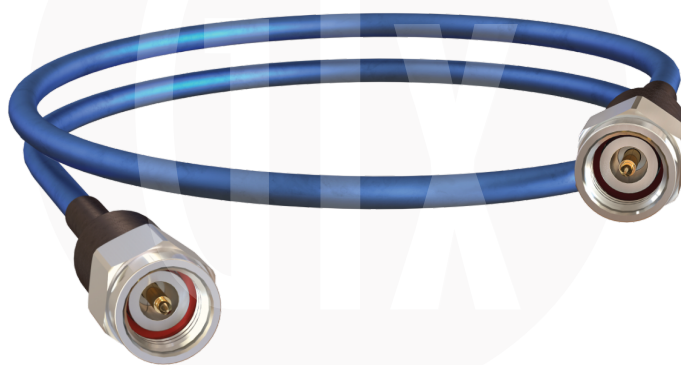


2.92mm Plug to 2.92mm Plug, KF085 Microwave Cable, 900mm

## 085X-29M29M-900

### FEATURES

- Suitable up to 40GHz
- Excellent Return Loss & Insertion Loss
- Ultra Low Loss, Phase Stable & Amplitude Stable
- 100% VNA Tested; supplied with serialised performance plots
- Heavy Duty Sleeving for Reliability and Robustness



### MATERIAL SPECIFICATION

|                        |                                       |
|------------------------|---------------------------------------|
| Cable Series           | GTx KF085, Microwave Coaxial Cable    |
| Connector 1            | 2.92mm Straight Plug, Stainless Steel |
| Connector 2            | 2.92mm Straight Plug, Stainless Steel |
| Length                 | 900mm (Tip to Tip)                    |
| Cable Overall Diameter | 2.80mm                                |
| Armour                 | None                                  |

### ELECTRICAL SPECIFICATION

|                         |                   |
|-------------------------|-------------------|
| Impedance               | 50 Ohms           |
| Max. Frequency          | 40 GHz            |
| VSWR                    | 1.30 @40 GHz      |
| Insertion Loss          | 5.9dB @40 GHz     |
| Velocity of Propagation | 70%               |
| Voltage Withstanding    | 1500V RMS Maximum |
| Shielding Effectiveness | > 90dB            |

### MECHANICAL & ENVIRONMENTAL SPECIFICATION

|                          |                       |
|--------------------------|-----------------------|
| Bending Radius (static)  | 14mm                  |
| Bending Radius (flexing) | 28mm                  |
| Cable Weight             | 22 gms/m              |
| RoHS Compliant           | Yes                   |
| Temperature Range        | -55 to +165 degrees C |