

## 5G Flex<sup>®</sup>18 Assemblies

**5G Flex Assemblies** are dependable and flexible, outdoor rated, general-use coaxial cable assemblies fitting for many 5G applications. Utilizing Times Microwave's cable heritage, these assemblies will withstand the test of time while providing reliable electrical performance.

### Cable

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Diameter</b>              | 0.205" 5.21 mm                      |
| <b>Minimum Bend Radius</b>   | 0.50" 12.7 mm                       |
| <b>Operating Temperature</b> | -40° F to 185° F<br>-40° C to 85° C |
| <b>Weight</b>                | 0.03 lbs/ft<br>0.04 kg/m            |

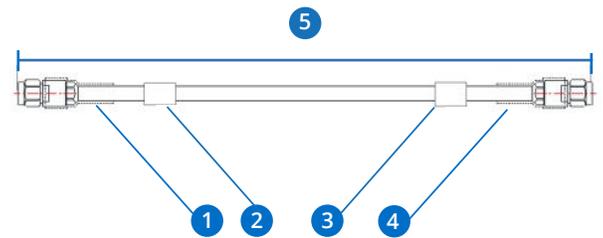
### Electrical Properties

|                                |                       |
|--------------------------------|-----------------------|
| <b>Maximum Frequency</b>       | 18 GHz                |
| <b>Impedance</b>               | 50 ohms               |
| <b>Capacitance</b>             | 26.9 pF/ft 88.23 pF/m |
| <b>Velocity of Propagation</b> | 75.5%                 |
| <b>Delay</b>                   | 1.35 ns/ft 4.42 ns/m  |
| <b>Shielding</b>               | >90 dB                |



### FEATURES

- General use interconnect, flexible and reliable
- Assembly VSWR of 1.2 typical
- Small minimum bend radius
- Flexible polyurethane jacket
- IP67 rated



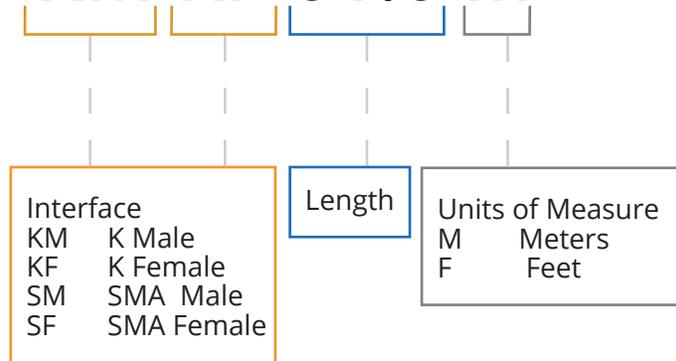
- 1 Shrink Tubing
- 2 Label
- 3 Label
- 4 Shrink Tubing
- 5 Length

| Attenuation | dB/ft | dB/m |
|-------------|-------|------|
| 2500 MHz    | 0.36  | 1.18 |
| 6000 MHz    | 0.57  | 1.86 |
| 28000 MHz   | 0.10  | 4.15 |

# 5GFlex® 18

## Ordering Guide

# 5GFLEX 18- KM KF-01.0 M



Heritage—in the air and on the ground, thousands of assemblies built over decades



Global manufacturing capability: US, Mexico & China



Assembled and tested 5GFlex assemblies provide assured performance.

### WORLD HEADQUARTERS

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