Junkosha Non-Armor Cable for Wafer Probe Station, 40, 50 and 67GHz

- Phase & Amplitude stability in both Flex. and Temp., less calibrations
- Thin and Flexible, easy to set up
- Customized length from 6” to 60”
- Variety of Connectors, 2.92mm, 2.4mm and 1.85mm with Straight and Elbow shape (see page 3)
- Quick Delivery, 2 weeks to be shipped out, minimize test stop

Junkosha Non-Armor Cable for Wafer Probe Station, Cable types

MWX051 50GHz type cable

Electrical properties

Maximum operating frequency	50.0 GHz
Characteristic impedance	50±1 Ω
Capacitance (typ.)	85 pF/m
Propagation delay (typ.)	4.19 ns/m
Wavelength reduction rate (typ.)	79 %
Higher mode frequency (typ.)	61 GHz
VSWR (per connector/ both ends of assy.)	1.21/1.46
Maximum frequency insertion loss(50.0 GHz)	4.6 dB/m

MWX061 67GHz type cable

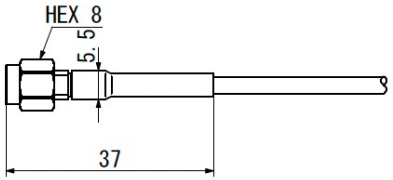
Electrical properties

Maximum operating frequency	67.0 GHz
Characteristic impedance	50±1 Ω
Capacitance (typ.)	90 pF/m
Propagation delay (typ.)	4.35 ns/m
Wavelength reduction rate (typ.)	77 %
Higher mode frequency (typ.)	70 GHz
VSWR (per connector/ both ends of assy.)	1.21/1.46
Maximum frequency insertion loss(67.0 GHz)	7.3 dB/m

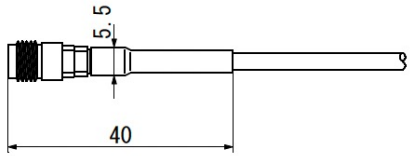
Common Mechanical properties
Cable O.D. : 0.142” [3.6mm]
Min. Bend R: 1.18” [30mm]

Junkosha Non-Armor Cable for Wafer Probe Station, Connectors

2.92mm connectors, 40GHz, mate with MWX051



Code: KMS



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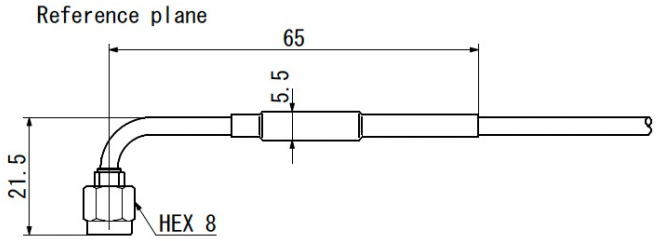
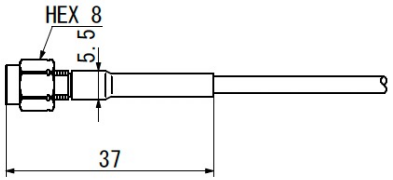
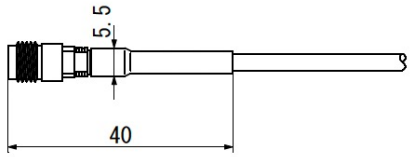


Code: KMW

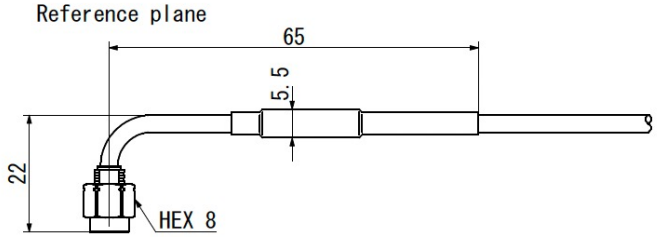
2.4mm connectors, 50GHz, mate with MWX051



Code: LMS

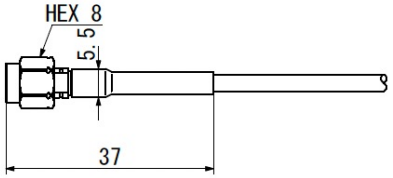


Code: LFS

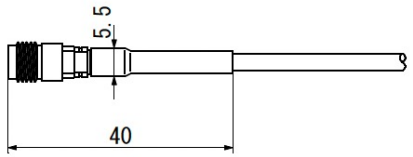


Code: LMW

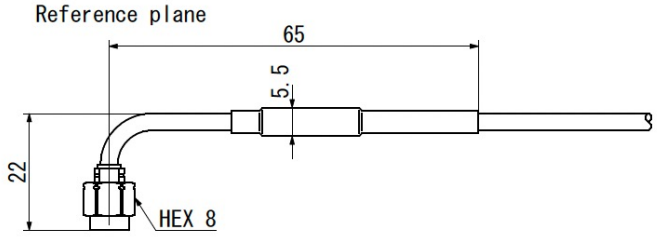
1.85mm connectors, 67GHz, mate with MWX061



Code: VMS



Code: VFS



Code: VMW

*Dimensions in metric