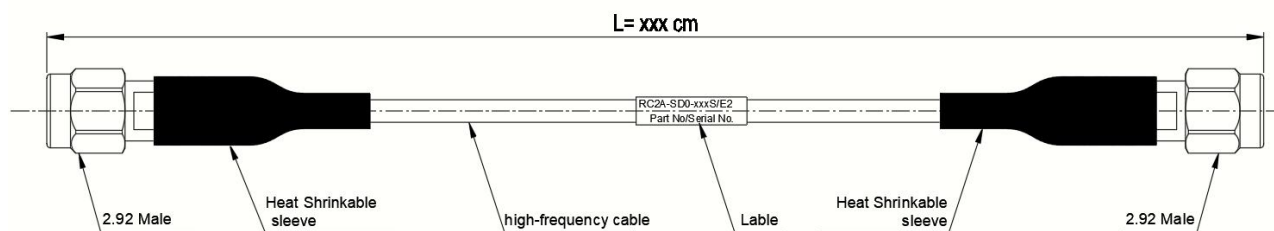


# Low Loss Stable Phase Test Cable Datasheet



## RC2A-SD0-xxxS/E2



### Configuration

Connector 1 Type	2.92mm Male
Connector 2 Type	2.92mm Male
Connector Body	Stainless Steel (SUS303), Passivation
Connector Conductor	Beryllium Copper, Gold
Insulation	PEI
Cable Type	Low Loss Stable Phase Test Cable
Cable Diameter	2.3mm

### Electrical Characteristics

Impedance	50Ω
Frequency Range	DC to 40GHz
Insertion Loss	$\leq 0.05\text{dB/cm} \times \text{Length(cm)} + 1.2\text{dB}$ , DC to 40GHz
VSWR (Voltage Standing Wave Ratio)	$\leq 1.35$ , DC to 40GHz
Dielectric withstand Voltage	500 V rms
Different Cable Phase Match	$\pm 8$ Degree Max.

### Mechanical Properties

Mechanical Life	500 cycles
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### Environment Data

Working Temperature	-40℃ to +125℃
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### Order Information

Dloorplf P/N	Dloorplf Description
RC2A-SD0-030S/E2	Low Loss Stable Phase Test Cable, 2.92 (M), DC to 40GHz, Length30cm
RC2A-SD0-060S/E2	Low Loss Stable Phase Test Cable, 2.92 (M), DC to 40GHz, Length60cm
RC2A-SD0-100S/E2	Low Loss Stable Phase Test Cable, 2.92 (M), DC to 40GHz, Length100cm
RC2A-SD0-xxxS/E2	Low Loss Stable Phase Test Cable, 2.92 (M), DC to 40GHz, Length xxx cm

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Rev A