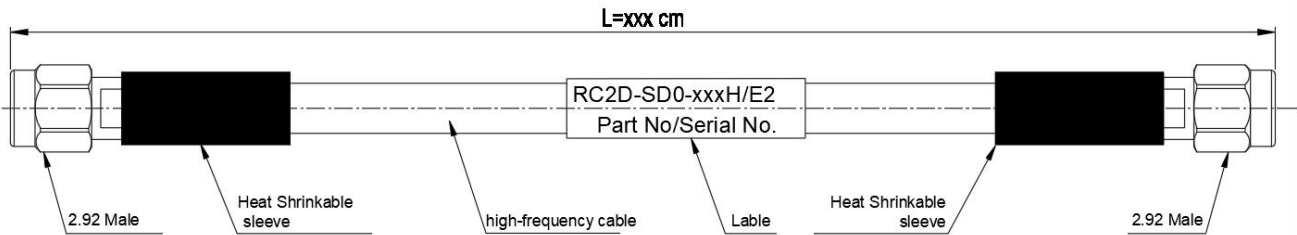


Low Loss Stable Phase Test Armored Cable Datasheet



RC2D-SD0-xxxH/E2



Configuration

Connector 1 Type	2.92 Male
Connector 2 Type	2.92 Male
Connector Body	Stainless Steel (SUS303), Passivation
Connector Conductor	Beryllium Copper, Gold
Insulation	PEI
Cable Type	Low Loss Stable Phase Test Armored Cable
Cable Diameter	7.55mm HA360W-KJA54PTFE

Electrical Characteristics

Impedance	50Ω
Frequency Range	DC to 40GHz
Insertion Loss	$\leq 0.026\text{dB/cm} \times \text{Length(cm)} + 1.2\text{dB}$, DC to 40GHz
VSWR (Voltage Standing Wave Ratio)	≤ 1.30 , DC to 40GHz
Dielectric withstand Voltage	500 V rms
Mechanical Phase Stability	+5 Degree Max.
Amplitude Stability	+0.05dB Max.
Different cable phase match	± 8 Degree Max

Mechanical Properties

Mechanical Life	500 cycles
Bending Radius	80mm

Environment Data

Working Temperature	-40°C to +125°C
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Order Information

Dloorplf P/N	Dloorplf Description
RC2D-SD0-060H/E2	Low Loss Stable Phase Test Armored Cable, 2.92 (M), DC to 40GHz, Length60cm
RC2D-SD0-060H/E2	Low Loss Stable Phase Test Armored Cable, 2.92 (M), DC to 40GHz, Length100cm
RC2D-SD0-150H/E2	Low Loss Stable Phase Test Armored Cable, 2.92 (M), DC to 40GHz, Length150cm
RC2D-SD0-xxxH/E2	Low Loss Stable Phase Test Armored Cable, 2.92 (M), DC to 40GHz, Length xxx cm

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