

ME 26 : General Purpose Test & Measurement Cable

Part No. : ME26-AMAM-01.0M [SMA(M) to SMA(M)]

Features

Cable Assemblies feature excellent electrical performance up to 26.5 GHz.

MPD Cable Assemblies are ideal for daily in components and assembly shops, Test labs and automatic test equipment applications.

Benefits

- Precise and constant measurement results
- Low overall measurement costs

Applications

- Test labs and Production lines
- Test procedures in components and assembly shops
- Automatic test equipment

Electrical Specification

- Impedance ----- 50 Ohms
- Operating Frequency ----- 26.5 GHz
- Velocity of propagation ----- 69.5 %
- Capacitance ----- 98 pF/m
- Insulation resistance ----- $> 5 \times 10^3 \text{ M}\Omega$
- Dielectric withstand voltage ----- 500 V rms
- Screening effectiveness ----- $> 90 \text{ dB}$

Materials and Finish

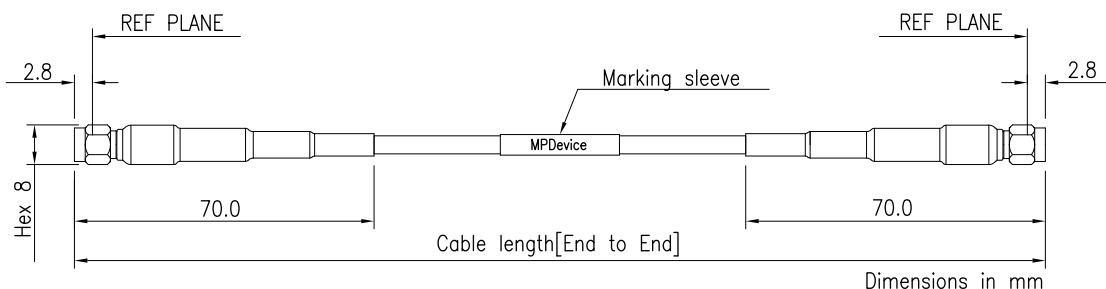
- Cable Jacket ----- FEP, Blue
- Cable dielectric ----- Solid PTFE
- Marking sleeve ----- Polyolefin / Yellow
- Connector contacts ----- Beryllium-copper, gold plated
- Connector insulation ----- PTFE
- Connector body ----- Stainless Steel, gold plated
- Connector nut ----- Stainless Steel, Passivation

General Specification

- Assembly Length ----- 1M
- Cable diameter ----- 2.8 mm
- Temperature range ----- -30°C to $+80^\circ\text{C}$
- Preferred bending radius ----- 120 mm
- Connector retention force ----- $> 100 \text{ N}$
- Recommended mating torque ----- 0.8 Nm... 1.1 Nm
(7.1 ... 9.7 in.lbs)
- Connector Interface ----- MIL-STD-348A

Electrical Table

	up to 2 GHz	2.01 to 4 GHz	4.01 to 8 GHz	8.01 to 12 GHz	12.01 to 18 GHz	18.01 to 26.5 GHz
Min. Return Loss	28	26	23	20	18	17
Max. Insertion Loss at 25 °C	< 1.2	< 1.7	< 2.5	< 3.2	< 3.9	< 4.9



DIMENSION