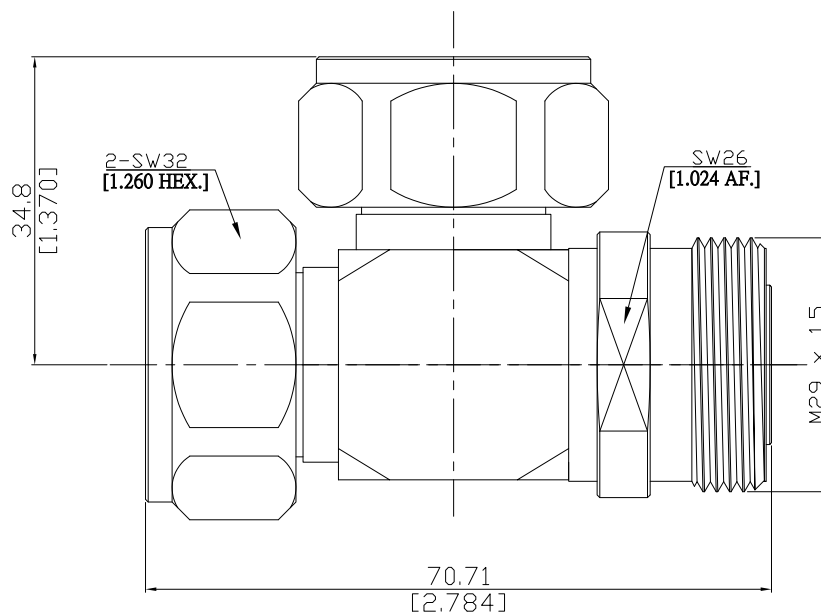


7/16 plug (male) / 7/16 plug (male) / 7/16 jack (female)
T-Adaptor 1jack , 2plugs DC-7.5 GHz

ADT-D1D1D25A / 144-144-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-4

Electrical Data

Impedance

50 Ω

Frequency

DC to 7.5 GHz

Insulation Resistance

≥ 10 GΩ

Center contact resistance

≤ 0.4 mΩ

Outer contact resistance

≤ 1.5 mΩ

Working Voltage (at sea level)

500 V rms

Power handling

1800 W @ 1 GHz

800 W @ 4 GHz

RF Leakage

≥ 128 dB @ DC to 1 GHz

Material And Plating

Piece Parts (7/16 male)		Material	Plating
Centre contact		Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body		Brass	Copper-Tin-Zinc Alloy
Insulator		PTFE	
Gasket		Silicone Rubber	
Coupling nut		Brass	Copper-Tin-Zinc Alloy
Piece Parts (7/16 female)		Material	Plating
Centre contact		Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body		Brass	Copper-Tin-Zinc Alloy
Insulator		PTFE	

7/16 plug (male) / 7/16 plug (male) / 7/16 jack (female)
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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 200 N
radial	≥ 2 Ncm
Coupling Test Torque	25 to 30 Nm
Recommended Torque	≤ 35 Nm

Environmental Data

Temperature Range	-40°C to +85°C
Rapid change of temperature	DIN EN 122190, Sub-clause 4.6.7
Corrosion resistance	DIN EN 122190, Sub-clause 4.6.10
Vibration	DIN EN 122190, Sub-clause 4.6.3
Climatic category	DIN EN 122190, Sub-clause 4.6.5 (55/155/56)
Damp heat	DIN EN 122190, Sub-clause 4.6.6
Degree of protection (mated pair)	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100