

2.92 mm/1.85 mm DC - 40 GHz, Coaxial Adapters, Between-Series

DESCRIPTION

"KPC292F185F, KPC292F185M, KPC292M185F, and KPC292M185M"

coaxial adapters between 2.92 mm and 1.85 mm are small size, low SWR, and low loss.

They are designed for broadband measurement, instrument, and system applications.

SPECIFICATIONS

Electrical:

Frequency Range	DC - 40 GHz
SWR	< 1.3
Insertion Loss	< 0.35 dB
Electrical Length	17.5 mm (Nominal)
Temperature Range	-55 to +125 °C

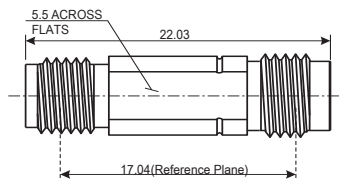
Mechanical:

Body and Outer Conductor	Passivated Stainless Steel
Inner Conductor	Gold Plated Beryllium Copper and Brass
Coupling Torque	90 N-cm (Nominal)
Connect/Disconnect Life	> 1,000 Cycles

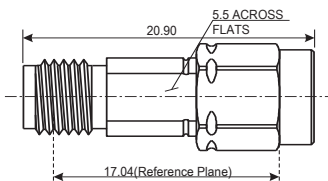


Production Status
2 Weeks Lead-Time
for Shipping

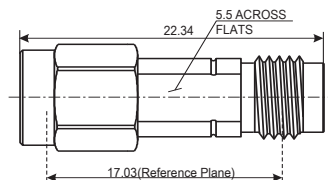
TYPE: KPC292F185F
2.92 mm Female/1.85 mm Female



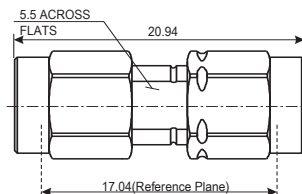
TYPE: KPC292F185M
2.92 mm Female/1.85 mm Male



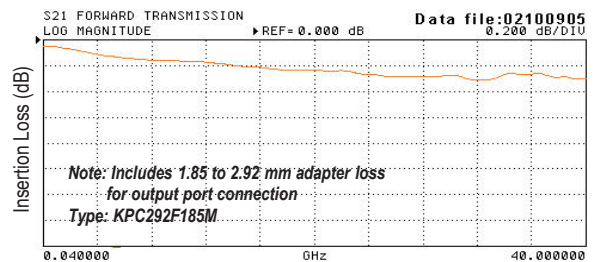
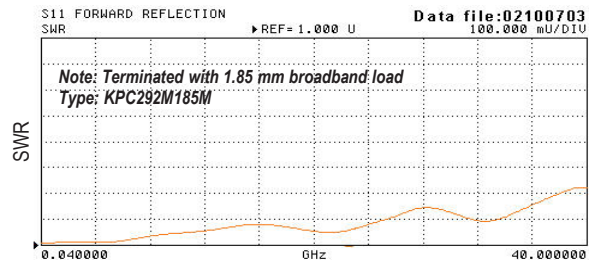
TYPE: KPC292M185F
2.92 mm Male/1.85 mm Female



TYPE: KPC292M185M
2.92 mm Male/1.85 mm Male



Typical Performance

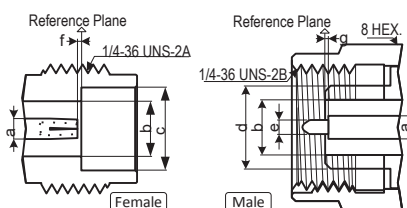


RoHS Compliant

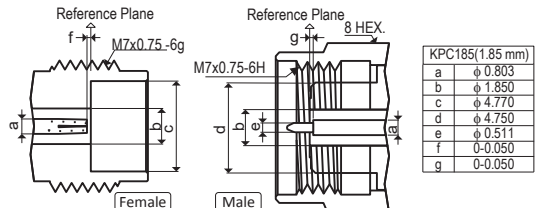
REACH Compliant

Interface Mating Dimensions

KPC292 (2.92 mm Connectors)



KPC185 (1.85 mm Connectors <*>)



KPC292(2.92 mm)	
a	φ 1.270
b	φ 2.920
c	φ 4.640
d	φ 4.580
e	φ 0.920
f	0-0.050
g	0-0.050

KPC185(1.85 mm)	
a	φ 0.803
b	φ 1.850
c	φ 4.770
d	φ 4.750
e	φ 0.511
f	0-0.050
g	0-0.050

NOTE:

All dimensions are in millimeters.

Specifications Subject to Change Without Notice

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<*> Matable with 2.4 mm connectors

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