

OASIS® UNIVERSAL & ADAPTER KIT

A Complete Kit at the Tips of Your Fingers



The universal cable kit contains the tools to properly terminate 3 different length cable sub-assemblies with various connector combinations as specified below. The brass, nickel plated adapters have gold plated center contacts and are housed in their own separate case. They can be easily removed with your fingertips in a work area or out in the field. The adapter kit and cables are then housed in a rugged sealed case.

Electrical Data

Maximum Frequency	Impedance	Time Delay	Shielding Effectiveness	Dielectric Withstanding Voltage
4 GHz	50 Ω nominal	1.47 ns/ft (4.82 ns/m)	-90 dB minimum	10 kV at 60 Hz

Universal Cable Assemblies

36 in.	Qty. 2
60 in.	Qty. 2
96 in.	Qty. 2

Mechanical Data

Jacketed Outer Diameter	Static Bend Radius	Weight with Standard Jacket/Armor	Operating Temp. Range
0.275 in (6.99 mm)	0.5 in (12.7 mm)	0.05 lbs/ft (0.023 kg/m)	-31 to 212°F (-35 to 100°C)

Adapter Kit Contents

Universal Adapter	Qty. 4
BNC	Qty. 2 male, 2 female
F Type	Qty. 2 male, 2 female
N Type	Qty. 2 male, 2 female
RCA	Qty. 2 male, 2 female
SMA	Qty. 2 male, 2 female
TNC	Qty. 2 male, 2 female
UHF (0.3 GHz max.)	Qty. 2 male, 2 female
Mini-UHF (2 GHz max.)	Qty. 2 male, 2 female
Double Banana Plug	Qty. 1
Double Binding Post	Qty. 1
Signal Sampler	Qty. 1

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Specifications

Frequency		Attenuation		VSWR	Conn. Loss dB
GHz	Band	dB/ft	dB/m		
0.045	UHF	0.03	0.07	1.10	0.01
0.512	VHF	0.08	0.27	1.15	0.02
1.000	L	0.12	0.39	1.20	0.02
2.000	S	0.17	0.57	1.25	0.03
3.000		0.22	0.73	1.30	0.04
4.000	C	0.26	0.86	1.35	0.04

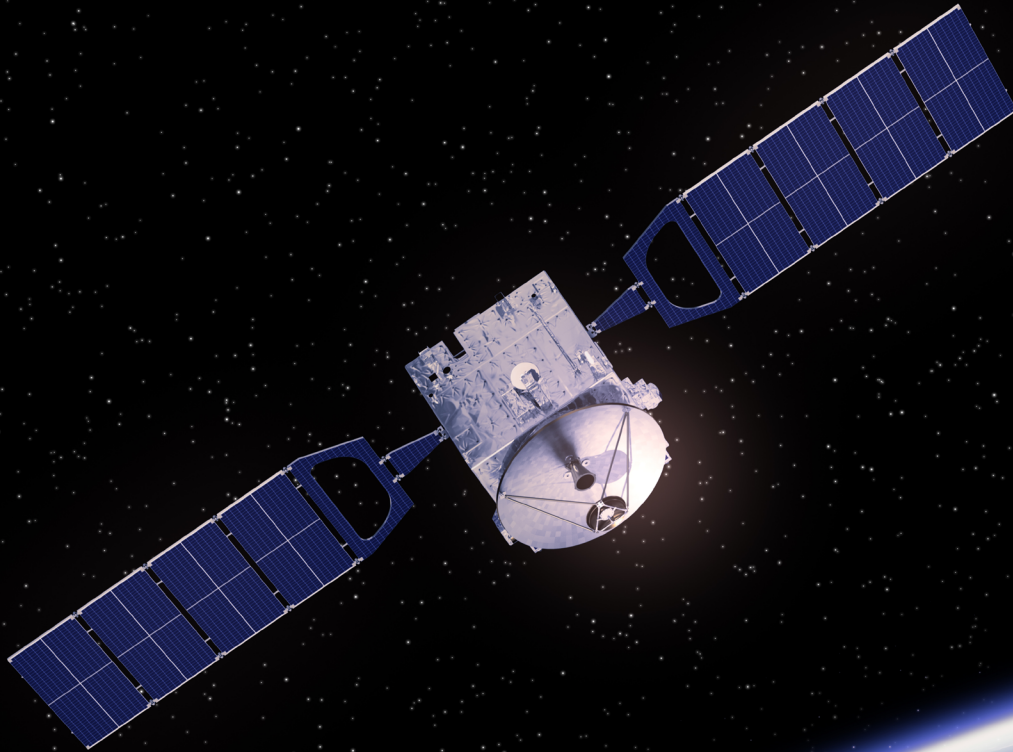
Note: Typical Insertion Loss dB = (Attenuation)(Length) + 2 (Conn. Loss)





MegaPhase®

With the right connection anything is possible



Visit us at megaphase.com

About us

Founded in 1998 and headquartered in Stroudsburg, Pennsylvania, MegaPhase designs and manufactures high-performance RF coaxial cables and connectors for OEMs in critical markets including test instrumentation, defense, aerospace, telecommunications, and satellite systems. Serving more than 500 customers in 30 countries—including major technology leaders and the U.S. government—MegaPhase is best known for its industry-leading GrooveTube® technology, a breakthrough flexible cable design used in high-reliability, high-power, and phase-defined applications across ground, sea, air, and space platforms. All products are manufactured in-house, tested 100% in a state-of-the-art RF lab up to 110 GHz, and engineered to deliver exceptional phase stability, low loss, and long-term measurement repeatability, helping customers achieve more reliable results at a lower cost per measurement.

MegaPhase

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