

KINGS
ELECTRONICS

TYPE UHF

K-GRIP IS AVAILABLE FOR THIS SERIES. SEE PAGES 106-111.





UHF SERIES

MILITARY TYPE	KINGS NUMBER	DESCRIPTION	CABLE SIZE	ENG. DATA	DIELECTRIC MATERIAL	KINGS NUMBER	MILITARY TYPE
UG-73/U	KU-51-08	Plug	RG-59/U		Phenolic	KN-81-03	MX-913/U
UG-106/U	KU-81-01	Hood	RG-8, 9, 10, 11, 12, 13, 63, 65/U			KU-51-01	PL-259
UG-173/U	KU-91-01	Adapter, Reducing	RG-38,39/U			KU-51-02	PL-259A
UG-175/U	KU-91-02	Adapter, Reducing	RG-58/U			KU-51-04	UG-203/U
UG-176/U	KU-91-03	Adapter, Reducing	RG-59,62,71/U			KU-51-08	UG-73/U
UG-177/U	KU-81-06	Hood	RG-29,55, 58/U			KU-71-02	SO-239
UG-203/U	KU-51-04	Plug	RG-55, 59, 62, 71/U		Phenolic	KU-72-01	UG-223/U
UG-223/U	KU-72-01	Receptacle, Bulkhead			Phenolic	KU-72-02	UG-266/U
UG-224/U	KU-91-11	Adapter, Bulkhead		F-F	Rexolite	KU-81-01	UG-106/U
SO-239	KU-71-02	Receptacle	RG-8, 9, 10, 11, 12, 13, 63, 65/U		Phenolic	KU-81-02	MX-539/U
PL-258	KU-91-05	Adapter		F-F	Rexolite	KU-81-03	UG-361/U
PL-259	KU-51-01	Plug	RG-8, 9, 10, 11, 12, 13, 63, 65/U		Phenolic	KU-81-04	MX-543/U
PL-259A	KU-51-02	Plug	RG-8, 9, 10, 11, 12, 13, 63, 65/U		Phenolic	KU-81-06	UG-177/U
UG-266/U	KU-72-02	Receptacle	RG-8, 9, 11, 58, 59/U	Pressurized See Note 1	Phenolic	KU-91-01	UG-173/U
UG-269/U	KU-71-01	Receptacle			Phenolic	KU-91-02	UG-175/U
PL-274	See UG-363/U					KU-91-03	UG-176/U
UG-297A/U	KU-94-02	Adapter, Angle		M-F	Rexolite	KU-91-05	PL-258
UG-299/U	KU-91-14	Adapter		F-F	Rexolite	KU-91-06	UG-363/U
UG-307/U	KU-91-20	Adapter		F-F Panel Mtg.	Polystyrene	KU-91-07	49199
M-358	See 49199					KU-91-11	UG-224/U
M-359A	See 49192A					KU-91-14	UG-299/U
M-360	See UG-106/U					KU-91-20	UG-307/U
UG-361/U	KU-81-03	Adapter, Binding Post		M	Phenolic	KU-94-01	49192A
UG-363/U	KU-91-06	Adapter, Bulkhead		F-F	Polystyrene	KU-94-02	UG-297A/U
MX-539/U	KU-81-02	Hood	RG-58, 59/U				
MX-543/U	KU-81-04	Hood	RG-8, 9, 11/U				
MX-913/U	KN-81-03	Cap & Chain		Used with SO-239			
49190	See PL-259						
49191	See PL-258						
49192A	KU-94-01	Adapter, Angle		M-F	Rexolite & Polystyrene		
49193	See UG-106/U						
49194	See SO-239						
49195	See PL-259A						
49199	KU-91-07	Adapter, Tee		F-M-F	Rexolite		
49482	See UG-203/U						
491049	See UG-363/U						

UHF ADAPTERS TO OTHER SERIES

SERIES	CONTACTS	MILITARY TYPE	KINGS NUMBER	ENGINEERING DATA	DIELECTRIC MATERIAL	KINGS NUMBER	MILITARY TYPE
UHF to BN	F-M	UG-241/U	KB-91-04		Rexolite	KB-91-04	UG-241/U
UHF to BNC	F-M	UG-255/U	KC-91-01		Rexolite	KC-91-01	UG-255/U
UHF to BNC	F-M	UG-273/U	KC-91-02		Rexolite	KC-91-02	UG-273/U
UHF to British	F-F	UG-197/U	KU-91-04	Mates with British Type 10H-588	Rexolite	KD-91-07	UG-637/U
UHF to C	M-F	UG-637/U	KD-91-07		Teflon	KN-91-05	UG-146/U
UHF to Jones	F-M	UG-235/U	KU-91-09		Rexolite	KN-91-06	UG-83/U
UHF to N	M-F	UG-83/U UG-83A/U UG-83B/U	KN-91-06 KN-94-06 KN-97-04		Rex. & Phen. Rexolite Teflon	KN-91-22	UG-318/U
UHF to N	F-M	UG-146/U	KN-91-05		Rex. & Phen.	KN-94-06	UG-83A/U
UHF to N	M-M	UG-318/U	KN-91-22		Rex. & Phen.	KN-97-04	UG-83B/U
UHF to Twin	F-M	UG-970/U	KU-91-16	Angle Type, 1 pin grounded to shell.	Rexolite	KU-91-04	UG-197/U
UHF to Concentric	F-M	UG-294/U	KU-91-15		Rexolite	KU-91-09	UG-235/U
						KU-91-15	UG-294/U
						KU-91-16	UG-970/U

NOTE 1: Requires Hood MX-539/U for cables RG-58/U, RG-59/U and Hood MX-543/U, for cables RG-9/U and RG-11/U.

SEX OF CONTACTS IS INDICATED BY LETTERS "F" AND "M".

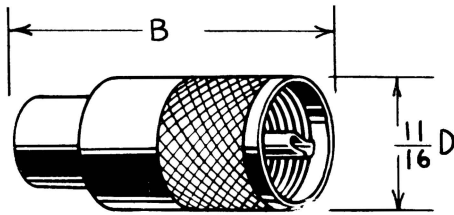
ASTERISKS (*) ON FOLLOWING PAGES INDICATE ILLUSTRATED CONNECTORS.



SERIES

UHF

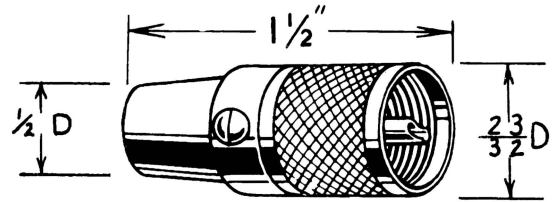
This unit is available with Teflon or Texolite insulation. Order as special connector: Teflon, KU-51-07; Texolite, KU-51-05.



PLUG

PL-259

PL-259A is available with Teflon insulation. Order as special connector, KU-51-09.

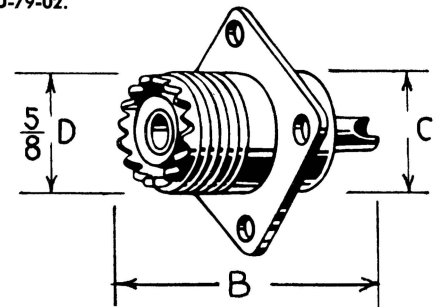


PLUGS

	B
* PL-259A	1 ⁵ / ₁₆
UG-73/U	1 ⁵ / ₁₆
UG-203/U	1 ¹⁷ / ₃₂

CONTINUOUS, RIGID QUALITY CONTROL
AND YEARS OF KNOW-HOW GUARANTEE THE
HIGHEST PERFORMANCE FROM
KINGS CONNECTORS.

SO-239 is available with Teflon insulation or as a Weathertite connector. Order as special connector: Teflon, KU-71-07; Weathertite, KU-79-02.

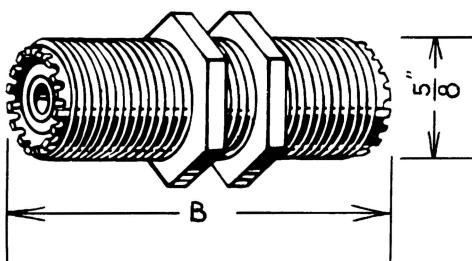


RECEPTACLE

	B	C	TECH. DATA
UG-223/U #1	1 ²⁵ / ₃₂	³ / ₈ D.	NOTE 1
UG-266/U #2	1 ³¹ / ₆₄	⁵ / ₈ D.	NOTE 2
* SO-239	1 ¹ / ₁₆	⁵ / ₈ D.	

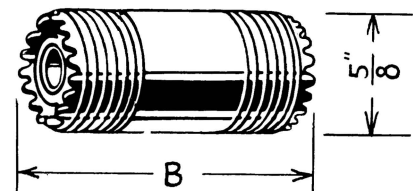
NOTE 1: Has no Mounting Plate; Mounts in ³/₈ Single Hole; Has ⁵/₈ D. Mtg. Flange.

NOTE 2: Has no Mounting Plate; Mounts in ⁵/₈ single Hole; has ⁷/₈ D. Mounting Flange.



ADAPTERS

	B	FLANGE
UG-224/U	1 ³ / ₈	none
* UG-363/U	2	none
UG-307/U	1 ¹ / ₈	#1

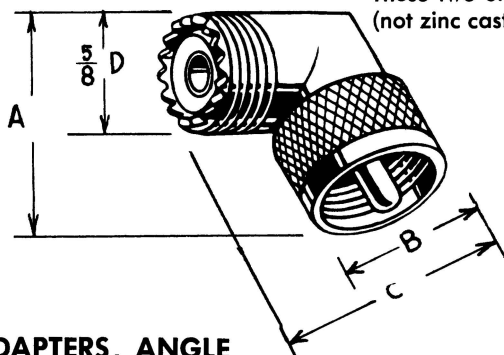


ADAPTERS

	B
UG-299/U	⁷ / ₈
* PL-258	1 ¹ / ₈

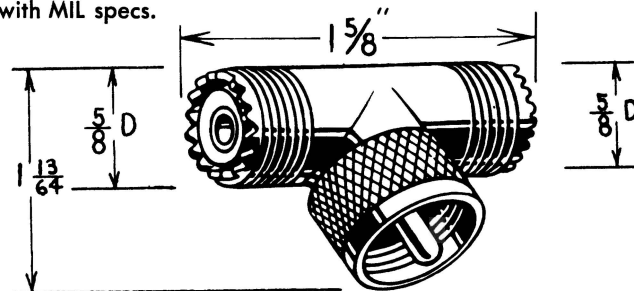


These two units fabricated from brass bar stock (not zinc castings) in accordance with MIL specs.



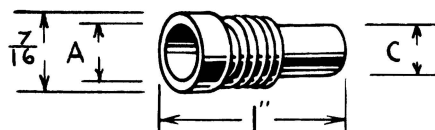
ADAPTERS, ANGLE

	A	B	C
UG-279A/U	1 $\frac{3}{16}$	$\frac{13}{16}$ D.	1 $\frac{15}{64}$
* 49192A	1 $\frac{13}{64}$	$\frac{3}{4}$ D.	1 $\frac{3}{16}$



ADAPTER, TEE

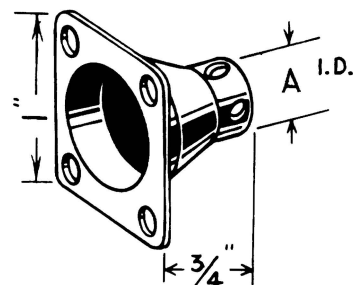
* 49199



ADAPTERS, REDUCING

	A	C
UG-173/U	$\frac{19}{64}$ D.	$\frac{21}{64}$ D.
UG-175/U	$\frac{13}{64}$ D.	$\frac{5}{16}$ D.
* UG-176/U	$\frac{1}{4}$ D.	$\frac{5}{16}$ D.

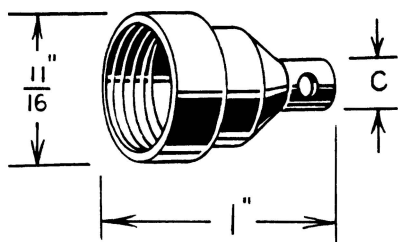
KINGS
CONNECTORS
GIVE
TROUBLE FREE,
LONG-RANGE
SERVICE.



HOODS

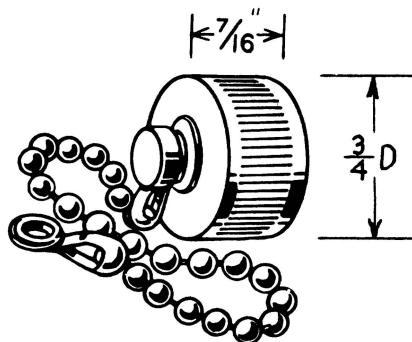
	A
* UG-106/U (49193)	$\frac{11}{32}$
UG-177/U	$\frac{5}{32}$

See Mounting Diagram #1



HOODS

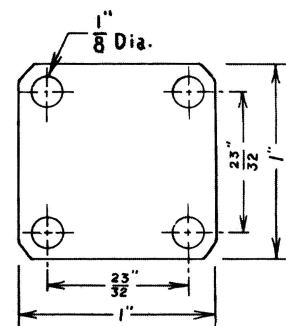
	C
* MX-539/U	$\frac{1}{4}$ D.
MX-543/U	$\frac{13}{32}$ D.



CAP & CHAIN

* MX-913/U

MOUNTING DIAGRAM



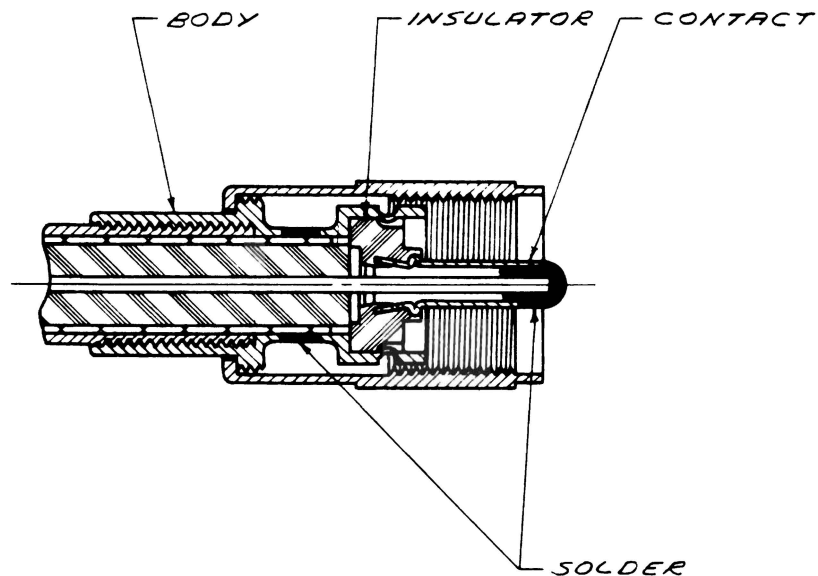
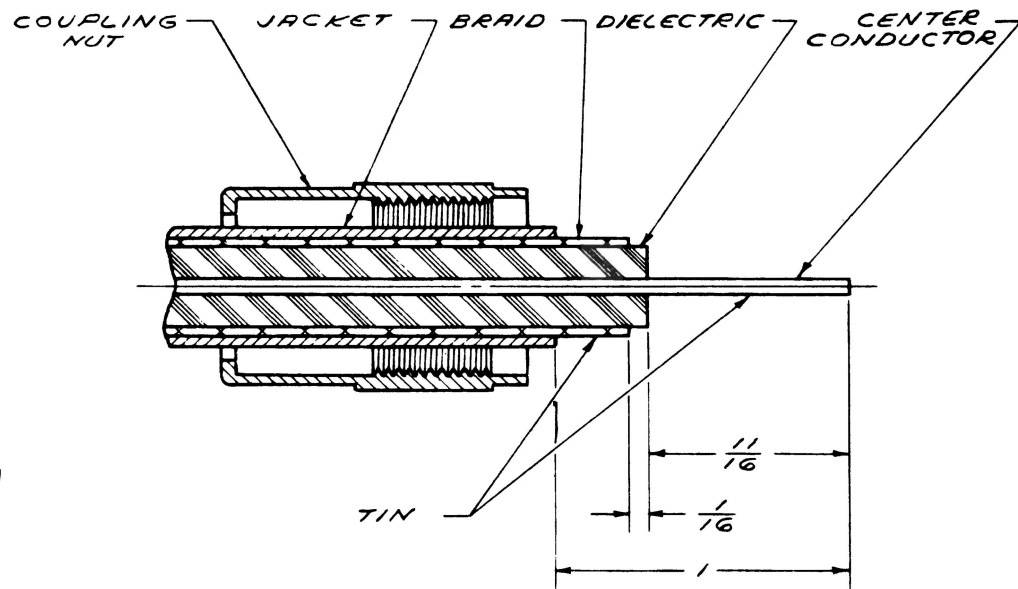
#1



SERIES

UHF

CABLING INSTRUCTIONS



FOR K-GRIP CABLING INSTRUCTIONS, SEE PAGE 111



MISCELLANEOUS CONNECTORS AND ADAPTERS

MATERIAL TYPE	KINGS NUMBER	DESCRIPTION	CABLE SIZE	ENGINEERING DATA	DIELECTRIC MATERIAL	KINGS NUMBER	MILITARY TYPE
UG-197/U	KU-91-04	Adapter		UHF to British 10H-588	Polystyrene	KC-59-03	UG-932/U
UG-347A/U	KS-74-02	Receptacle		Male quick-disconnect	Polyethylene	KC-79-02	UG-931/U
UG-348/U	KS-71-01	Receptacle		Female quick-disconnect	Rexolite	KN-91-13	UG-131/U
UG-348A/U	KS-74-01	Receptacle		Female quick-disconnect	Polyethylene	KS-11-01	UG-575/U
UG-415/U	KS-51-02	Plug	RG-59,62,71/U	Male Holmdel quick-disconnect	Rexolite	KS-34-01	MC-277A
UG-574/U	KS-59-03	Plug	RG-8,9/U	Quick-disconnect used with N series	Teflon	KS-51-02	UG-415/U
UG-574A/U	KS-51-03	Plug	RG-8,9/U	Quick-disconnect used with N series	Teflon	KS-51-03	UG-574A/U
UG-575/U	KS-11-01	Panel Jack	RG-8,9/U	Quick-disconnect used with N series	Teflon	KS-51-05	UG-968/U
UG-931/U	KC-79-02	Receptacle		Similar to but does not mate with BNC series. Rated 5 K.V.	Teflon	KS-59-03	UG-574/U
UG-932/U	KC-59-03	Plug	RG-59,62,71/U	Similar to but does not mate with BNC series. Rated 5 K.V.	Teflon	KS-71-01	UG-348/U
UG-932A/U	KV-54-05	Plug	RG-59,62,71/U	Similar to but does not mate with BNC series. Rated 5 K.V.	Teflon	KS-71-02	UG-1111/U
UG-961A/U	KV-54-08	Receptacle	RG-59,62,71/U	High Voltage	Teflon	KS-74-01	UG348A/U
MC-277	KS-91-01	Jack, Angle		British Pye type	Polystyrene	KS-74-02	UG-347A/U
MC-277A	KS-34-01	Jack, Angle		British Pye type	Polystyrene	KS-81-01	MX-675/U
MX-276/AR	KS-84-01	Corona Shield			---	KS-81-08	UG-1170/U
UG-478/U	KS-91-13	Cable Adapter		Connects RG-81/U to RG-8,9/U	Teflon	KS-84-01	MX-276/AR
UG-479/U	KS-91-04	Cable Adapter		Connects RG-81/U to RG-17,18/U	Teflon	KS-84-02	MX-407A/U
UG-482/U	KS-91-05	Cable Adapter		Connects RG-82/U to RG-17,18/U	Teflon	KS-84-03	MX-1554A/U
UG-503/U	KS-91-06	Cable Adapter		Connects RG-82/U to RG-17,18/U	Teflon	KS-87-01	MX-407B/U
UG-504/U	KS-91-07	Cable Adapter		Connects RG-82/U to RG-18/U	Teflon	KS-91-01	MC-277
UG-505/U	KS-91-08	Cable Adapter		Connects RG-18/U to RG-17,18/U	Polyethylene	KS-91-02	UG-275/U
UG-506/U	KS-91-09	Cable Adapter		Connects RG-10/U to RG-17,18/U	Teflon	KS-91-03	UG-276/U
UG-507/U	KS-91-10	Cable Adapter		Connects RG-10/U to RG-8,10/U	Teflon	KS-91-04	UG-479/U
MX-407A/U	KS-84-02	End Seal	RG-17,18/U		Ceramic	KS-91-05	UG-482/U
MX-407B/U	KS-87-01	End Seal	RG-17,18/U	Rated approx. 6.5 K.V.	Ceramic	KS-91-06	UG-503/U
MX-675/U	KS-81-01	End Seal	RG-81/U		Ceramic	KS-91-07	UG-504/U
UG-1170/U	KS-81-08	End Seal	RG-85/U		Ceramic	KS-91-08	UG-505/U
MX-1554A/U	KS-84-03	End Seal	RG-8,9/U		Ceramic	KS-91-09	UG-506/U
UG-968/U	KS-51-05	Plug	RG-8,10/U	QDS series	Teflon	KS-91-10	UG-507/U
UG-1111/U	KS-71-02	Receptacle		QDS series	Teflon	KS-91-13	UG-478/U
UG-131/U	KN-91-13	Adapter		F-F SKL to N	Rexolite	KU-91-04	UG-197/U
UG-275/U	KS-91-02	Adapter		F-F SKL (Klystron)	Polystyrene	KV-54-05	UG-932A/U
UG-276/U	KS-91-03	Adapter, Angle		F-F SKL (Klystron)	Polystyrene	KV-54-08	UG-961A/U

SEX OF CONTACTS IS INDICATED BY LETTERS "F" AND "M".