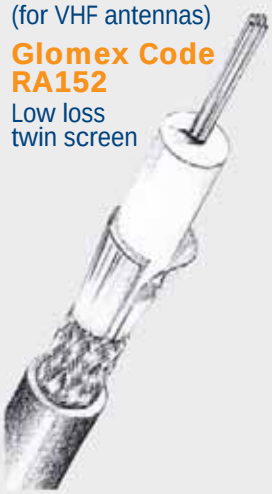
COAXIAL CABLES

Coaxial cables transmit signals to and from the antenna. Poor quality cables will dramatically reduce the efficiency of both antenna and transceivers. All coaxial cables can loose efficiency over time due to humidity. Glomex cables are specifically designed and manufactured for use in the marine environment. All Glomex cables have been developed in cooperation with coaxial cables specialists to ensure minimal signal distortion or loss and long term reliability.

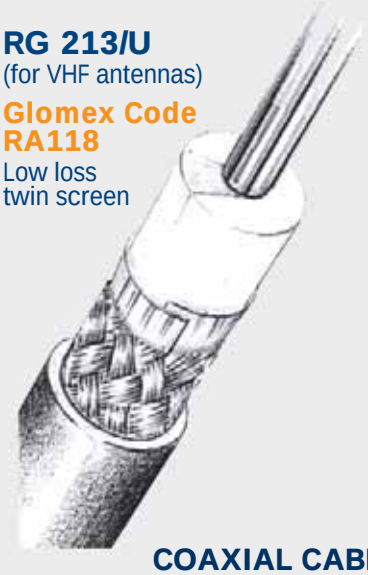
Les câbles coaxiaux transmettent les signaux vers l'antenne et vice-versa. Les câbles coaxiaux peuvent perdre de leur efficacité avec le temps dans un milieu humide, mais les câbles Glomex sont conçus et fabriqués spécialement pour être utilises dans un milieu marin et pour résister aussi longtemps aux effets négatifs du brouillard salin.
Tous les câbles Glomex ont été développés en coopération avec des spécialistes du câble coaxial pour minimiser la distorsion et la perte de la qualité du signal et assurer une fiabilité à long terme.

Costituiscono l'elemento che trasferisce il segnale dall'antenna al ricevitore/trasmettitore. Cavi di qualità scadente e di lunghezza elevata possono quindi compromettere il buon funzionamento di una antenna, vanificandone l'efficienza con il risultato di prestazioni insufficienti indipendentemente dalle caratteristiche dell'antenna.
Altro elemento di grande importanza per i cavi coassiali è la perdita di efficacia nel tempo a causa dell'umidità: Glomex, per questi motivi, ha progettato e produce cavi specifici per l'ambiente marino.
Tutti i cavi coassiali Glomex sono studiati in collaborazione con i produttore di cavi, per garantire una bassa attenuazione nel lungo periodo ed elevata qualità.

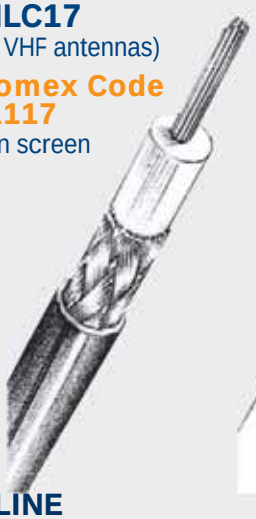
RG 58 ALL
(for VHF antennas)
Glomex Code RA152
Low loss
twin screen



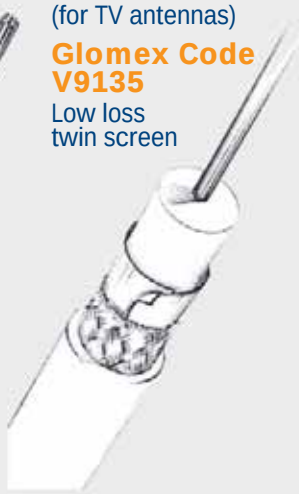
RG 213/U
(for VHF antennas)
Glomex Code RA118
Low loss
twin screen



RG 58C/U MILC17
(for VHF antennas)
Glomex Code RA117
Twin screen



RG 6/U
(for TV antennas)
Glomex Code V9135
Low loss
twin screen



COAXIAL CABLE LINE

VHF 50 ohms	VHF 50 ohms	VHF 50 ohms	VHF 50 ohms	VHF 50 ohms	TV 75 ohms	TV 75 ohms
RA118	RA117	RA152	RA152/10	RA152/20	V9135	V9139/20
						
100 mt roll RG 213/U Twin Screen Low Loss	100 mt roll RG 58C/U MIL-C-17 Twin Screen	100 mt roll RG 58 ALL Twin Screen Low Loss	10 mt roll RG 58 ALL Twin Screen Low Loss	20 mt roll RG 58 ALL Twin Screen Low Loss	100 mt roll RG 6/U Twin Screen Low Loss	20 mt roll RG 6/U Twin Screen Low Loss

Glomex Code		ATTENUATION DB X 100 MT AT 20°C						
		50 MHZ	100 MHZ	200 MHZ	400 MHZ	860 MHZ	1000 MHZ	1750 MHZ	2000 MHZ
RA152	RG 58 ALL	8,3	11,3	15,9	23,8	38,2	42,9	-	-
RA118	RG 213 U	2,9	4,3	6,2	9,3	13,8	16,0	-	-
RA117	RG 58 /CU	10,4	15,1	22,3	33,8	52,0	57,8-	-	-
V9135 V9139	RG 6/U	4,4	5,9	8,2	12,0	17,9	20,0	27,6	29,7

GLOMEX CODE	RA152	RA118	RA117	V9135/V9139
TYPE	RG58ALL	RG213/U	RG58C/U	RG6/U
Impedance Ohm	50 ± 2	50 ± 2	50 ± 2	75 ± 2
Capacity pF / m	82	80	98	80
Speed ratio %	78	80	66	80
Shield dB 100 - 900 MHz	> 50	> 80	> 50	>80
Structural return-loss dB	>20	>35	>35	>30
MHz 30 - 300 / 300 - 900	>20	>28	>30	>28
Inner conductor resistance	38	3,6	38	18,0
Ohm / Km	18	6,0	17	21,5
V Max	1000	2500	1900	-
Jacket insulation	-	-	-	0,7
Conductor Diam. mm	19x0,18	2,50	19 x 0,18	1,55
Material	CUST	CU	CUST	CU
Dielectric	PEE	PE	PE	PEE
Dielectric diam.mm	2,95	7,0	2,95	5,0
Shield	AL 3 - CUST	F.CU - CU	AL 3 - CUST	CUST
Shield %	100	98	98	100
Jacket - Type / Diam. mm	PVC - 5,0	PE - 10,3	PVC - 5,0	PVC - 6,7
Minimum folding radius mm	50	130	110	50
Weight Kg/100m	3,2	12,8	3,3	3,7
Package mts.	10,20,100	100	100	20,100

LEGEND

CU	= Bare copper
CU ST	= Tinned copper
CU AG	= Silvered copper 4%
AL 3	= Aluminium tape + aluminium + copper
F.CU	= Copper tape
AL 2	= Aluminium + polyester tape
PE	= Solid polyetilene
PEE	= Foam polyetilene
CW	= Copperweld