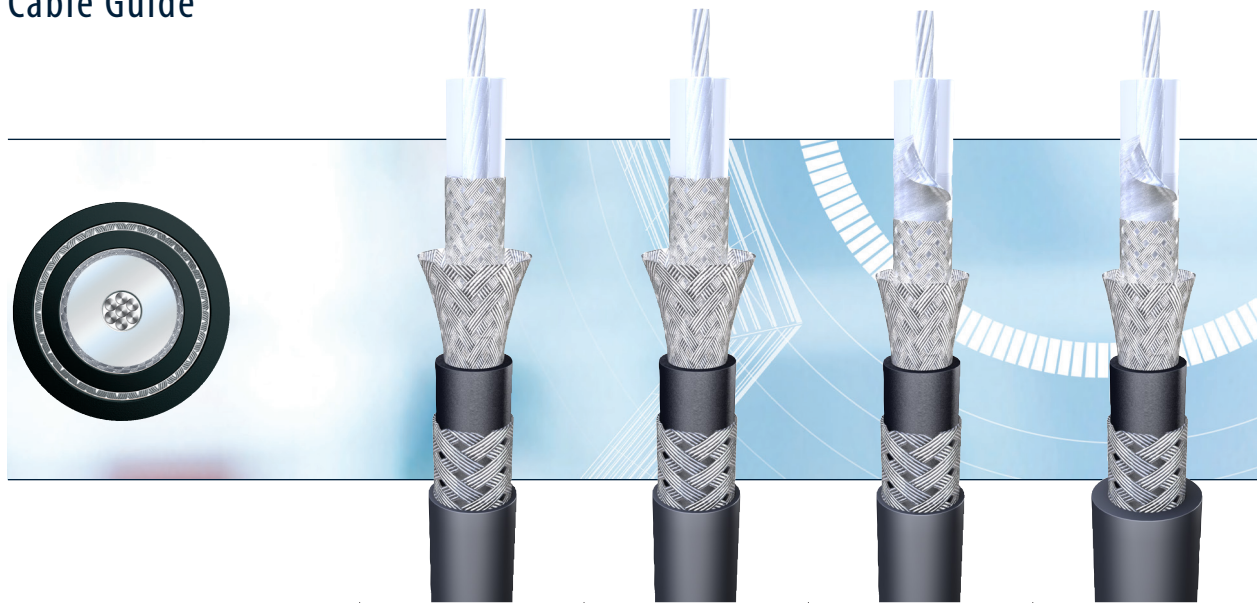
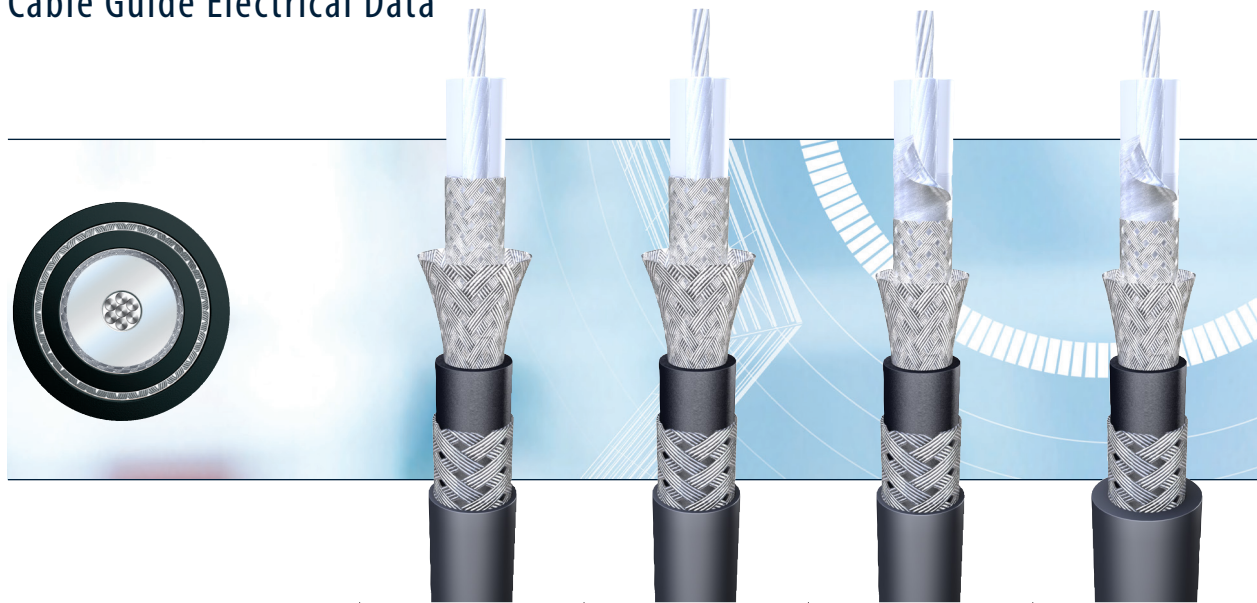


# RG214/U DataGuard® (GSWB) MIL-C-17F Marine Cable Guide



Part Number		<a href="#">2451601C324</a>	<a href="#">M2451601C324</a>	<a href="#">1092445</a>	<a href="#">1092447</a>
<b>Physical Characteristics</b>					
Conductor		Silvered Copper	Silvered Copper	Silvered Copper	Silvered Copper
Conductor Stranding	mm	7/0,75	7/0,75	7/0,75	7/0,75
Dielectric		Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)
Shield		-	-	Al+polyester+Al tape	Al+polyester+Al tape
Braid 1°		Silvered Copper	Silvered Copper	Silvered Copper	Silvered Copper
Braid coverage	%	96	96	96	96
Braid 2°		Bare Cu braid	Bare Cu braid	Bare Cu braid	Bare Cu braid
Braid coverage	%	98	98	98	98
Inner Jacket		LSZH HFFR	LSZH HFFR	LSZH HFFR SHF-1	LSZH HFFR SHF-1
Inner jacket diameter	mm	10,8 ± 0,18	10,8 ± 0,3	10,8 ± 0,18	10,8 ± 0,18
Armour		DataGuard® GSWB	DataGuard® GSWB	DataGuard® GSWB	DataGuard® GSWB
Outer Jacket		LSZH HFFR SHF-1	LSZH HFFR SHF-2	LSZH HFFR SHF-1	LSZH HFFR SHF-MUD
Outer Jacket diameter	mm	13,8 ± 0,3	13,8 ± 0,3	14,8 ± 0,18	17,0 ± 0,20
Temperature range	°C	-30 to +70	-40 to +70	-30 to +70	-40 to +70
UV-resistant		✓	✓	✓	✓
<b>Standards</b>					
Approvals		-	-	DNV & ABS	DNV & ABS on inner cable
Flame retardant acc. to		IEC 60332-1	IEC 60332-1	IEC 60332-1	IEC 60332-1
Fire resistant acc. to		IEC 60332-3	IEC 60332-3	IEC 60332-3	IEC 60332-3
Low Smoke acc. to		IEC 61034-2	IEC 61034-2	IEC 61034-2	IEC 61034-2
Corrosive gases acc. to		IEC 60754-1&2	IEC 60754-1&2	IEC 60754-1&2	IEC 60754-1&2
MUD resistant acc. to		-	-	-	NEK TS 606
Compliance acc. to		MIL-C-17F	MIL-C-17F	MIL-C-17F	MIL-C-17F

# RG214/U DataGuard® (GSWB) MIL-C-17F Marine Cable Guide Electrical Data



Part Number		<a href="#">2451601C324</a>	<a href="#">M2451601C324</a>	<a href="#">1092445</a>	<a href="#">1092447</a>
<b>Electrical Characteristics</b>					
Conductor resistance	$\Omega/km$	6	6	5,8	5,8
Outer Conductor resistance	$\Omega/km$	-	-	2,9	2,9
Impedance	$\Omega$	50	50	50	50
Capacitance	$pF/m$	100	100	100	100
Velocity of Propagation	%	66	66	66	66
<b>Attenuation</b>					
10 MHz	$dB/100m$	-	-	1,5	1,5
50 MHz	$dB/100m$	4,7	4,7	3,8	3,8
100 MHz	$dB/100m$	7,1	7,1	5,4	5,4
200 MHz	$dB/100m$	10,4	10,4	7,9	7,9
300 MHz	$dB/100m$	-	-	9,9	9,9
400 MHz		15,2	15,2	-	-
500 MHz	$dB/100m$	17,4	17,4	12,9	12,9
1000 MHz	$dB/100m$	26,2	26,2	19,6	19,6
2000 MHz	$dB/100m$	-	-	-	-
2500 MHz	$dB/100m$	-	-	34	34