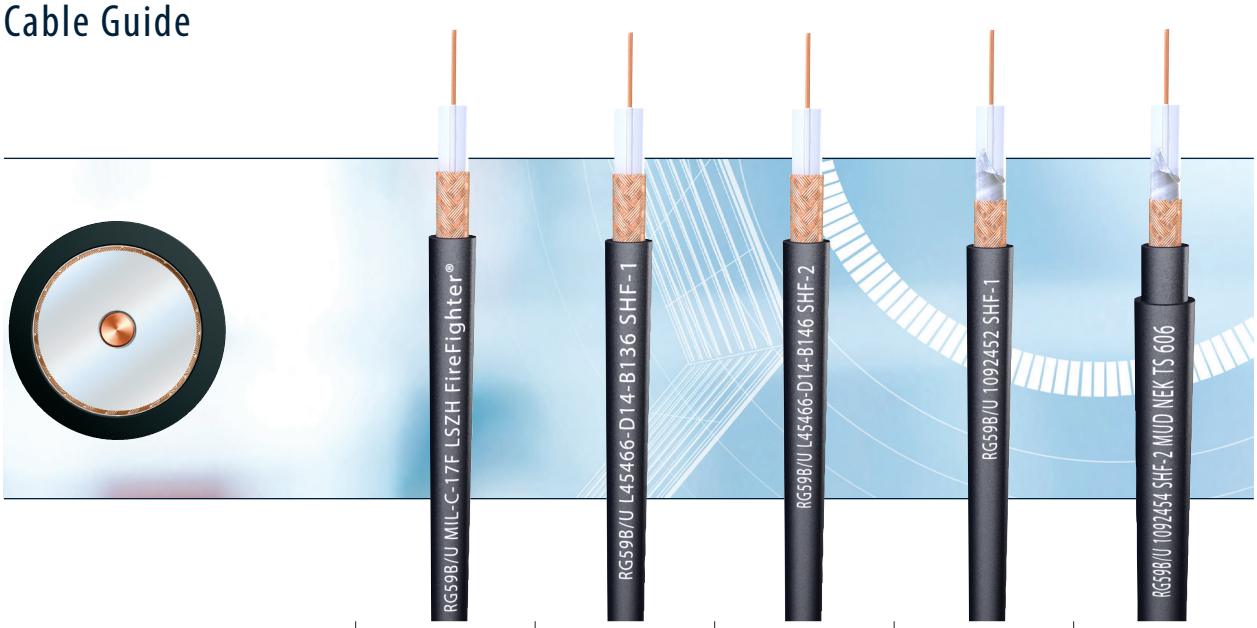
RG59B/U MIL-C-17F Marine

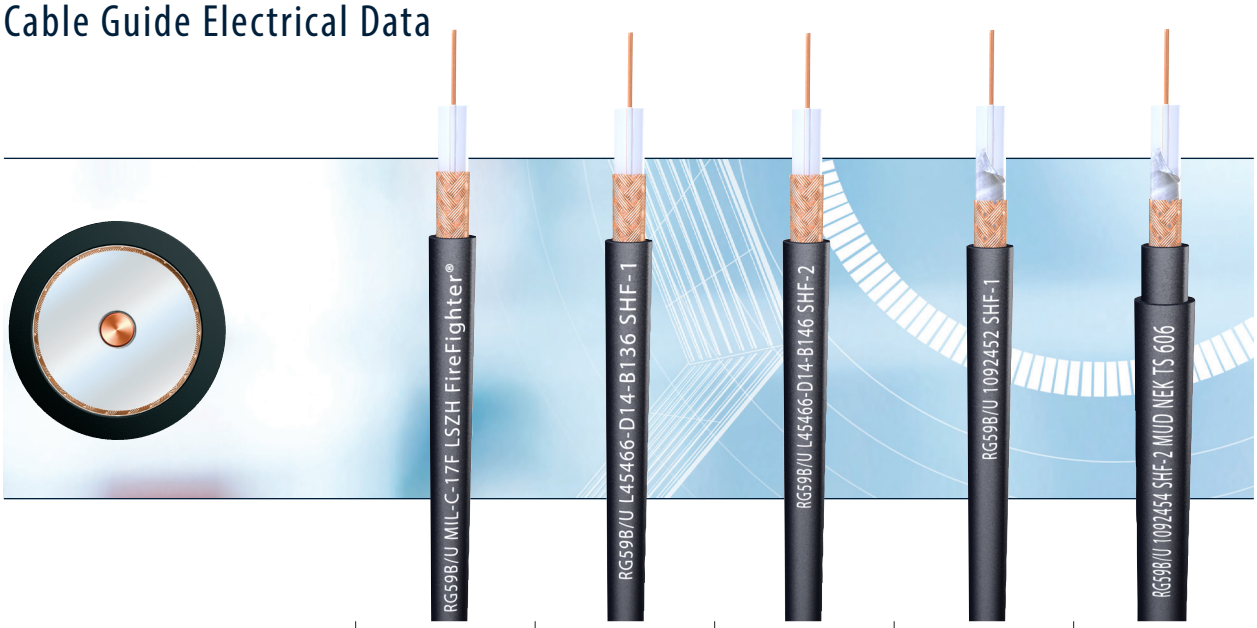
Cable Guide



Part Number		RG59B/U	L45466-D14-B136	L45466-D14-B146	1092452	1092454
Physical Characteristics						
Conductor		Copperweld	Bare Cu wire	Bare Cu wire	Copperweld	Copperweld
Conductor Stranding	*mm*	1/0,59 (23awg)	1/0,59 (23awg)	1/0,59 (23awg)	1/0,59 (23awg)	1/0,59 (23awg)
Dielectric		Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)
Shield		-	-	-	Al+polyester+Al tape	Al+polyester+Al tape
Braid		Bare Cu braid	Bare Cu braid	Bare Cu braid	Bare Cu braid	Bare Cu braid
Braid coverage	*%*	95	90	90	95	95
Inner Jacket		-	-	-	-	LSZH HFFR SHF-1
Inner jacket diameter	*mm*	-	-	-	-	6,2 ± 0,10
Outer Jacket		LSZH HFFR	LSZH HFFR SHF-1	LSZH HFFR SHF-2	LSZH HFFR SHF-1	LSZH HFFR SHF-2
Outer Jacket diameter	*mm*	6,1 ± 0,10	6,0 ± 0,20	6,0 ± 0,20	6,2 ± 0,10	8,15 ± 0,15
Temperature range	*˚C*	-40 to +85	-25 to +80	-40 to +80	-30 to +70	-40 to +70
UV-resistant		✓	✓	✓	✓	✓
Standards						
Approvals		-	GL	GL	DNV & ABS	DNV & ABS
Flame retardant acc. to		IEC 60332-1	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	IEC 60332-3
Low Smoke acc. to		IEC 61034-2	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	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	MIL-C-17F

RG59B/U MIL-C-17F Marine

Cable Guide Electrical Data



Part Number		RG59B/U	L45466-D14-B136	L45466-D14-B146	1092452	1092454
Electrical Characteristics						
Conductor resistance	*Ω/km*	≤ 239	≤ 64	≤ 64	154	154
Insulation resistance	*MΩ*km*	≥ 1000	≥ 1000	≥ 1000	-	-
Impedance	*Ω*	75±3	75±3	75±3	75±3	75±3
Capacitance	*pF/m*	67	67	67	67	67
Velocity of Propagation	*%*	66	66	66	66	66
Attenuation						
10 MHz	*dB/100m*	3,60	-	-	3	3
50 MHz	*dB/100m*	7,90	7,8	7,8	6,8	6,8
100 MHz	*dB/100m*	11,2	11,2	11,2	10	10
200 MHz	*dB/100m*	16,1	16,3	16,3	14,2	14,2
300 MHz	*dB/100m*	20,5	20,5	20,5	17,5	17,5
500 MHz	*dB/100m*	26,7	26,7	26,7	23,5	23,5
1000 MHz	*dB/100m*	39,4	39,5	39,5	34,2	34,2
2000 MHz	*dB/100m*	59,4	59,4	59,4	-	-
2500 MHz	*dB/100m*	67,3	67,3	67,3	58,1	58,1