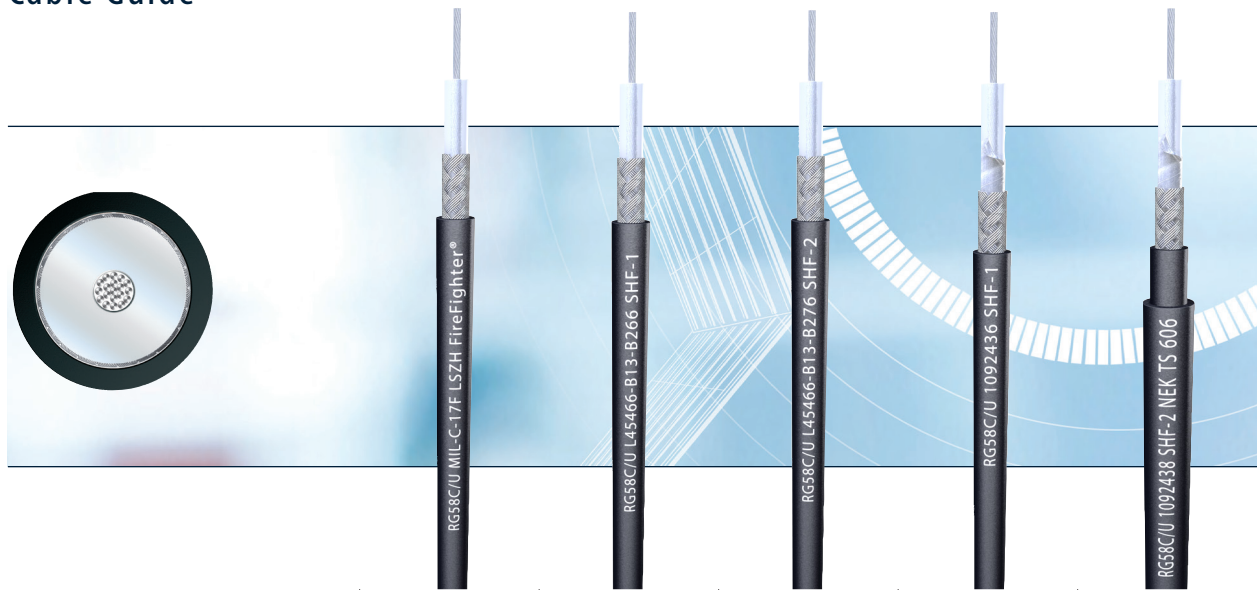


RG58C/U MIL-C-17F Marine Cable Guide



Part Number		RG58C/U	L45466-B13-B266	L45466-B13-B276	1092436	1092438
Physical Characteristics						
Conductor		Tinned Cu wire	Tinned Cu wire	Tinned Cu wire	Tinned Cu wire	Tinned Cu wire
Conductor Stranding	mm	19/0,18	19/0,18	19/0,18	19/0,18	19/0,18
Dielectric		Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)
Shield		-	-	-	Al+polyester+Al tape	Al+polyester+Al tape
Braid		Tinned Cu braid	Tinned Cu braid	Tinned Cu braid	Tinned Cu braid	Tinned Cu braid
Braid coverage	%	94	95	95	93	93
Inner Jacket		-	-	-	-	LSZH HFFR SHF-1
Inner jacket diameter	mm	-	-	-	-	5,0 ± 0,15
Outer Jacket		LSZH HFFR	LSZH HFFR SHF-1	LSZH HFFR SHF-2	LSZH HFFR SHF-1	LSZH HFFR SHF-MUD
Outer Jacket diameter	mm	4,95 ± 0,15	4,95 ± 0,15	4,95 ± 0,15	5,0 ± 0,15	7,0 ± 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

RG58C/U MIL-C-17F Marine

Cable Guide Electrical Data



Part Number		RG58C/U	L45466-B13-B266	L45466-B13-B276	1092436	1092438
Electrical Characteristics						
Conductor resistance	Ω/km	38,4	≤ 37	≤ 37	36,5	36,5
Insulation resistance	$M\Omega*km$	500	≥ 1000	≥ 1000	-	-
Impedance	Ω	50 \pm 2	50 \pm 2	50 \pm 2	50 \pm 2	50 \pm 2
Capacitance	pF/m	100 \pm 3	100 \pm 3	100 \pm 3	100 \pm 3	100 \pm 3
Velocity of Propagation	%	66	66	66	66	66
Attenuation						
10 MHz	$dB/100m$	4,20	-	-	4,0	4,0
50 MHz	$dB/100m$	-	12,0	12,0	9,4	9,4
100 MHz	$dB/100m$	15,7	17,0	17,0	13,0	13,0
200 MHz	$dB/100m$	23,0	27,0	27,0	18,6	18,6
300 MHz	$dB/100m$	-	34,0	34,0	23,3	23,3
400 MHz	$dB/100m$	34,5	-	-	-	-
500 MHz	$dB/100m$	-	41,0	41,0	31,2	31,2
1000 MHz	$dB/100m$	60,0	65,0	65,0	46,8	46,8
2000 MHz	$dB/100m$		95,0	95,0	-	-
2500 MHz	$dB/100m$		110,0	110,0	83,5	83,5