

RG213/U MIL-C-17F Marine Cable Guide



Part Number		RG213/U	L45466-B18-B56	L45466-B18-B66	8484	8485
Physical Characteristics						
Conductor		Bare Cu wire	Bare Cu wire	Bare Cu wire	Bare Cu wire	Bare Cu wire
Conductor Stranding	mm	7/0,75	7/0,75	7/0,75	7/0,75	7/0,75
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	%	97	95	95	96	96
Inner Jacket		-	-	-	-	LSZH HFFR SHF-1
Inner jacket diameter	mm	-	-	-	-	10,3 ± 0,18
Outer Jacket		LSZH HFFR	LSZH HFFR SHF-1	LSZH HFFR SHF-2	LSZH HFFR SHF-1	LSZH HFFR SHF-MUD
Outer Jacket diameter	mm	10,3 ± 0,18	10,3 ± 0,20	10,3 ± 0,20	10,3 ± 0,18	12,8 ± 0,18
Temperature range	°C	-30 to +80	-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

RG213/U MIL-C-17F Marine Cable Guide Electrical Data



Part Number		RG213/U	L45466-B18-B56	L45466-B18-B66	8484	8485
Electrical Characteristics						
Conductor resistance	Ω/km	6	6,2	6,2	6	6
Insulation resistance	$M\Omega*km$		≥ 1000	≥ 1000		
Impedance	Ω	50	50	50	50	50
Capacitance	pF/m	100	101	101	100	100
Velocity of Propagation	%	66	66	66	66	66
Attenuation						
10 MHz	$dB/100m$	1,8	-	-	-	-
50 MHz	$dB/100m$	4,3	-	-	4,5	4,5
100 MHz	$dB/100m$	6,4	7,7	7,7	6,7	6,7
200 MHz	$dB/100m$	9,5	11,1	11,1	9,9	9,9
300 MHz	$dB/100m$	11,5	13,8	13,8	-	-
400 MHz		-	16,1	16,1	14,3	14,3
500 MHz	$dB/100m$	15,3	18,2	18,2	16,1	16,1
1000 MHz	$dB/100m$	23,2	27	27	24,3	24,3
2000 MHz	$dB/100m$	-	40	40	-	-
2500 MHz	$dB/100m$	42,7	46	46	-	-