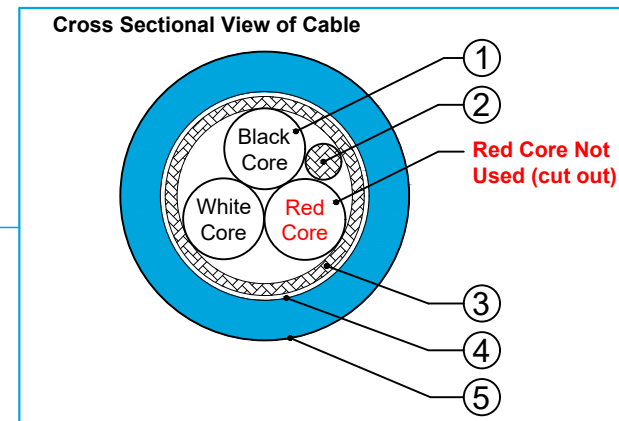
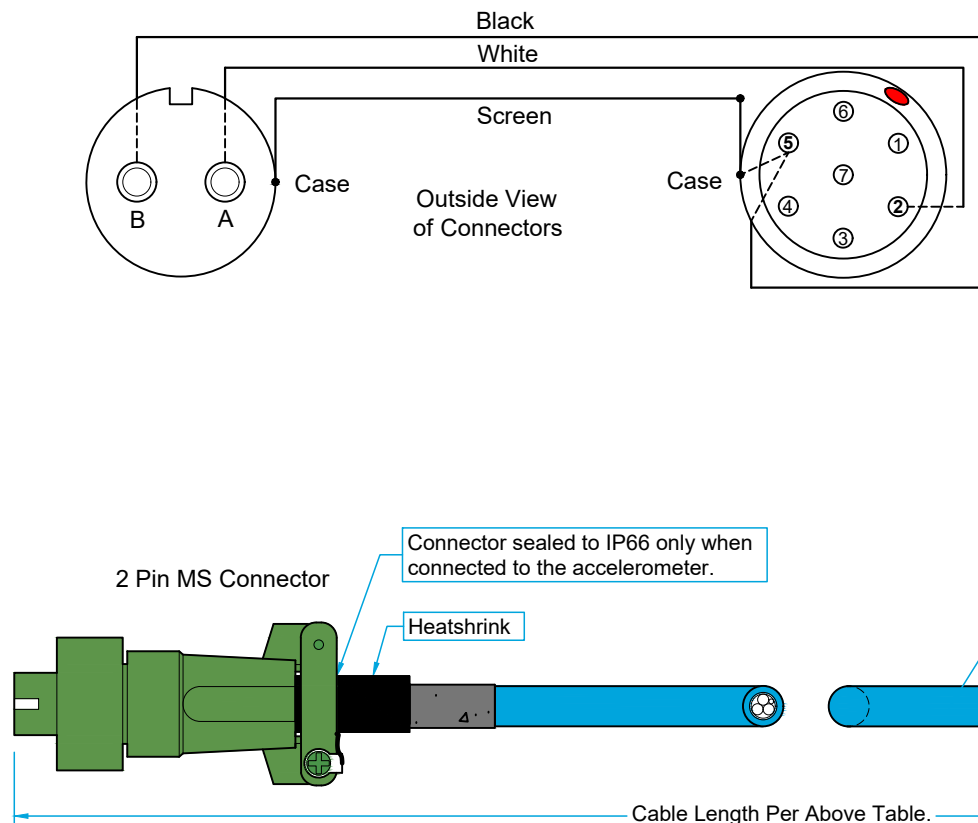


Connection Details of Cable Assembly



Lemo Plug

Materials of Cable: Silicon Cable				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of ETFE	20 AWG 0.007 in (0.17mm)	0.037 in (0.96mm) 0.051 in (1.30mm)	19 x 0.007 in (0.20mm) (0.023 in ² (0.6mm ²))
2.	Screen wire of tin plated copper	24 AWG	0.023 in (0.60mm)	19 x 0.005 in (0.13mm) (0.009 in ² (0.24mm ²))
3.	Braided screen of tin plated copper	16 x 7 x 0.039 in (0,10mm)	0.127 in (3.25mm)	Coverage: 85% min Lay = 0.921 in (23.4mm) Angle = 22.1°
4.	Non woven polyester binder		0.133 in (3.4mm)	
5.	Jacket of Silicon, blue pressure-extruded round	0.035 in (0.90mm)	0.204 in (5.2mm) nom	Jacket Colour RAL5015

Technical Data of Cable				
Technical Data	Values at 68°F	Unit	Values at 20°C	Unit
Conductor resistance	Max: 52.1	Ω / mile	Max: 32.4	Ω / km
Insulation resistance	>2413	MΩ x mile	>1500	MΩ x km
Test voltage	3	KV DC	3	KV DC
Voltage rating	600	V AC	600	V AC
Capacitance	Core-core: 286 ± 28	nF / mile	Core-core: 178 ± 18	nF / km
	Core-screen: 539 ± 53		Core-screen: 335 ± 33	
Impedance	Core-core: 28.6 ± 28	Ω	Core-core: 28.6 ± 28	Ω
	Core-screen: 15.3 ± 2		Core-screen: 15.3 ± 2	
Weight	0.495	oz / ft	46	g / m
Temperature rating	-58 / +302	°F	-50 / +150	°C